Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
Jake L. Hamon

3. ADDRESS OF OPERATOR
611 Petroleum Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1980' FSL & 1640' FEL (NW SE)
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
U-20555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Currant Creek Federal

9. WELL NO.
1-26

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 26, T-1-S, R-11-W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles N.W. of Fruitland, Utah

12. COUNTY OR PARISH: Wasatch
13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1670'

16. NO. OF ACRES IN LEASE: 800

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: N.A.

19. PROPOSED DEPTH: 10,300'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 8038' GR

22. APPROX. DATE WORK WILL START*: 1 July 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	1000'	1000 sx circ to surface
12-1/4"	9-5/8"	40#	6200'	3000 sx
7-7/8"	4-1/2"or5-1/2"	11.6# or 17#	10,300'	500 sx

Operator proposes to drill to approximately 10,300' to test the Madison Lime formation. Any significant shows of oil or gas will be drill stem tested. If oil or gas production is indicated in any zone penetrated, 4-1/2" or 5-1/2" casing will be set and cemented and the productive zone perforated. If necessary, the productive zone will be acidized and/or hydraulically fractured.
For BOP program, see point #5 of "Ten Point Operation Plan".
NOTE: Designation of Operator has been filed by our Denver office.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____ TITLE Drilling Foreman DATE 6-1-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

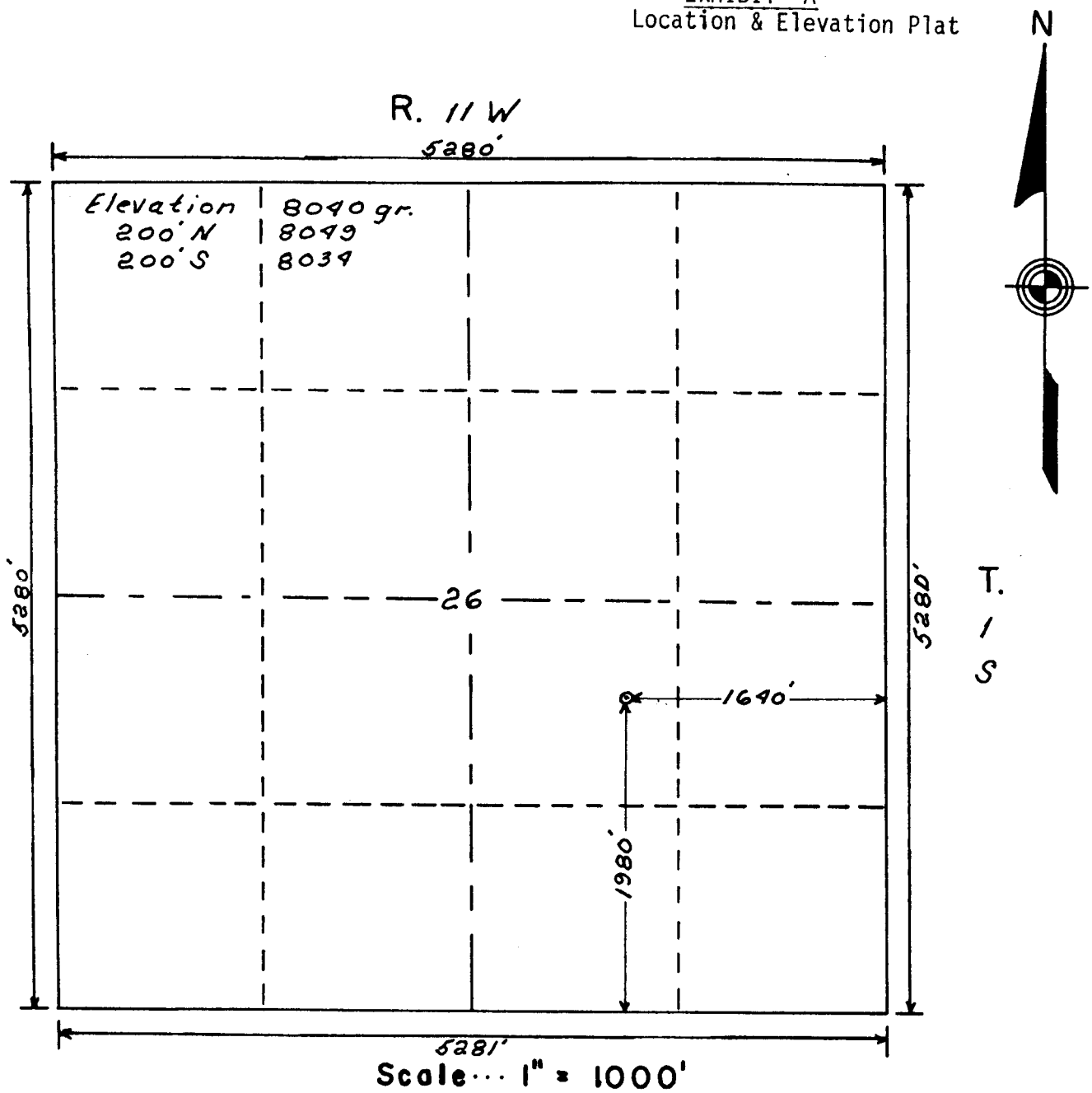
Attached to Form 9-331C
Jake L. Hamon
#1-26 Currant Creek Prospect-Federal
NW SE Sec. 26 T1S R11W
1840'FSL & 1670'FEL
Wasatch County, Utah

EXHIBITS ATTACHED

"A"	Location & Elevation Plat
"B"	The Ten-Point Operation Plan
"C"	The Blowout Preventer Diagram
"D"	The Multi-Point Requirements for A.P.D.
"E" & "E_1"	Access Road Maps to Location
"F"	Radius Map of Field
"G" & "G_1"	Drill Pad Layout, Production Facilities & Cut-Fill Cross-Section
"G_2"	Access Road Profile
"G_3"	Access Road Side Hill Cut-Typical Section
"H"	Drill Rig Layout

FORM F-106

EXHIBIT "A"
Location & Elevation Plat



Scale··· 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Tim Massey
for Jake L. Hamon
determined the location of #1-26 Currant Creek Prospect-Federal
to be 1980' F.S.L. & 1640' F.E.L. Section 26 Township 1S
Range 11W Uintah Meridian
Wasatch County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of

#1-26 Currant Creek Prospect-Federal

Date: 7-23-79

T Nelson
Licensed Land Surveyor No. 2711
State of Utah

JAKE L. HAMON
Currant Creek Federal No. 1-26
Sec. 26, T-1-S, R-11-W
Wasatch County, Utah

EXHIBIT "B"

Ten Point Operation Plan

1. Geologic name of the surface formation:

   Morrison/Curtis with Quaternary cover

2. Estimated tops of geologic markers:

Twin Creek	1500'
Navajo	2450'
Thaynes (Dinwoody)	5250'
Phosphoria	6500'
Weber	7100'
Humbug	8600'
Madison	9850'

3. Estimated depth of anticipated water, oil or gas bearing formations:

Navajo	2450'	Oil or gas
Thaynes (Dinwoody)	5250'	Oil or gas
Phosphoria	6500'	Oil or gas
Weber	7100'	Oil or gas
Madison	9850'	Oil or gas

4. Proposed Casing Program:

   1000 ft. of 13 3/8" 54.5# J-55 STC Used (if available)
   6200 ft. of 9 5/8" 40# J-55 & N-80 STC & LTC Used (if available)
   10,300 ft. of 4 1/2" 11.6# or 5 1/2" 17# J-55 & N-80 STC & LTC Used (if available)

5. All pressure control equipment will be 2000# minimum working ~~pressure~~. A schematic diagram with minimum requirements and testing procedure is attached. (Exibit 1)

6. The surface hole will be drilled with gel water and lime. The remainder of the hole to total depth will be drilled with a low solids non-dispersed fluid. Abnormal pressures are not expected in this well. However, a minimum of 500 sacks of barite will be on location in the event heavier mud weights are required. The surface mud system will be approximately 600 barrels.

7. Auxiliary equipment to be used for well control will include an upper Kelly cock and a full opening floor valve to accomodate drill pipe or drill collars. An inside BOP will be kept on the floor in the event it should be needed while tripping. A drill pipe float will not be used. The mud system will be monitored visually.

8. Any significant shows of oil or gas will be drill stem tested when drilled. Electric logs will be run after total depth is reached. Type of logs to be determined during drilling operations. Hole conditions may require some logs to be run before reaching total depth. At present time, no cores are planned for this well.

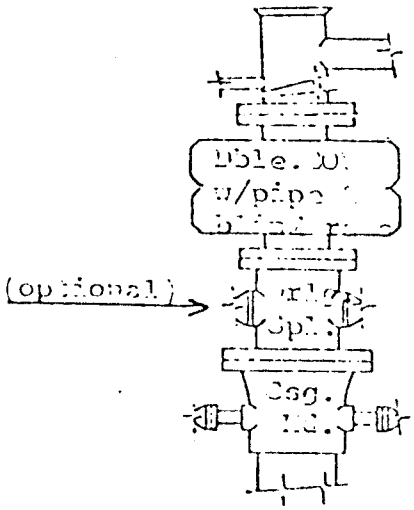
9. No abnormal pressures or temperatures are anticipated, however sack barite will be kept on location in the event higher mud weight is required. Hydrogen Sulfide might be found in the Thaynes and Phosphoria formations. Required safety procedures will be followed.

10. We anticipate starting drilling operations in the second quarter of 1979. Weather conditions will be a determining factor. Anticipated drilling time is 150 to 175 days and 10 to 20 days for completion work.

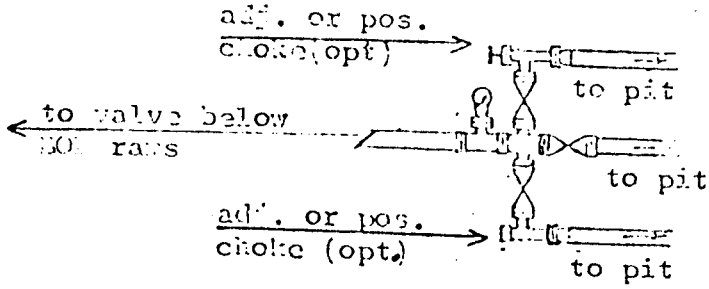
Note: Completion and stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted.

EXHIBIT "C"
Blowout Preventer
Diagram

MINIMUM REQUIREMENTS FOR BLOWOUT PREVENTERS & CHOKE MANIFOLDS



Manifold to be minimum 2" 2000#
(screw connections optional)



Note: Pipe rams to be operated daily, blinds to be operated each trip and noted on daily log book.

Test procedure:

1. Purge all lines to be tested w/ water & close outside manifold valves.
2. With surface casing & BOP filled w/ water, close blind rams.
3. Pressure up through kill line to 1000-2000# & hold for 15 minutes. ✓
4. If no leaks or pressure loss, close next manifold valve toward BOP, open outside valve & hold pressure for 15 minutes. Continue this procedure until all valves have been tested, then bleed pressure off.
5. Run drill pipe in hole, close pipe rams, pressure up to 1000-1500# & hold for 15 minutes. ✓
6. After setting and cementing intermediate casing, repeat Nos. 1 thru 5 above.

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

Attached to Form 9-331C
Jake L. Hamon
#1-26 Currant Creek Prospect-Fed.
N.W.S.E. Sec 26 T1S R11W
1840'F.S.L. & 1670' F.E.L.
Wasatch County, Utah

1. Existing Roads

A. The proposed well site and elevation plat is shown as EXHIBIT "A".

B. The distance to the location from the Currant Creek Lodge is 19.1 miles. From the Currant Creek Lodge, located on Highway #40, proceed Northwest along Currant Creek, on gravel raod a distance of 17.4 miles to a junction , thence West, continuing on gravel road a distance of 1.2 miles to a trail, thence North a distance of 0.3 mile to the point where the new access road will begin; proceed West Southwest on new access road for 0.2 mile to the location, as shown on EXHIBITS "E" & "E$_1$".

C. All roads to location are color-coded into location. An access road 0.2 mile from the existing trail will be required, as shown on EXHIBIT "E". The 0.2 mile of existing trail will require upgrading.

D. This is an exploratory well. All existing roads within a three-mile radius are shown on EXHIBIT "E".

E. N/A

F. Other than the 0.2 mile of existing trail that will require upgrading, the existing roads need no improvement.

2. Planned Access Roads

Map showing all necessary access roads to be constructed or reconstructed is shown as EXHIBIT "E" for the following:

(1) The maximum width of the running surface of the 0.2 mile of access road, extending beyond the existing trail will be 18'.

(2) The grade will be 8% (eight percent) or less.

(3) No turn outs are planned.

(4) Appropriate water bars will be constructed to assure drainage off location to conform with the natural drainage pattern.

(5) Two culverts on the new access road will be required, at 100' and 1450' from the beginning of the road. There is also an area 350' in length, located 500' from the beginning of the new access road, that will require a side-hill cut to be made.

(6) Surfacing materials will be native soil.

(7) No gates, cattle guards, or fence cuts are needed.

(8) The new access road to be constructed was staked and centerline flagged, as shown on EXHIBIT "E".

3. Location of Existing Wells

For all existing wells within a two-mile radius of exploratory well, see EXHIBIT "F".

(1) There are no water wells within a two-mile radius of this location.

(2) There are no abandoned wells in this two-mile radius.

(3) There are no temporarily abandoned wells.

(4) There are no disposal wells.

(5) There are no wells presently being drilled.

(6) There are no producing wells within this two-mile radius.

(7) There are no shut-in wells.

(8) There are no injection wells.

(9) There are no monitoring or observation wells for other uses.

4. Location of Existing and/or Proposed Facilities

A. Within a one-mile radius of location the following existing facilities are owned or controlled by lessee/operator:

(1) Tank Batteries: None

(2) Production Facilities: None

(3) Oil Gathering Lines: None

(4) Gas Gathering Lines: None

(5) Injection Lines: None

(6) Disposal Lines: None

B. If the well is productive, new facilities will be as follows:

(1) Production facilities will be located on solid ground of cut area of drill pad, as shown on EXHIBIT "G".

(2) All well flow lines will be buried and will be on the well site and battery site .

(3) Facilities will be 260 feet long and 205 feet wide.

(4) All construction materials for battery site and pad will be obtained from site. No additional material from outside sources is anticipated.

(5) Any necessary pits will be fenced and flagged to protect livestock and wildlife.

C. Rehabilitation, whether well is productive or dry, will be made on all unused areas in accordance with the restoration plans presented in ITEM #10 following.

5. Location and Type of Water Supply

A. Source of water: An application for a temporary point of diversion has been approved by Donald C. Norseth for the Utah State Engineer, Mr. D. Hansen. The point of diversion for the water is 500 feet FEL & 500 feet FSL of Section 16,T1S,R11W. Water from Starvation Reservoir is being exchanged for a like quantity of water from the Left Fork of Currant Creek. Approval for this water source was granted May 2, 1979 for a period of one year (January 1, 1979 to December 31, 1979). Fee is $1000.

B. Approximately 100' of 2" line will be laid from the creek to the well site.

C. No water well is to be drilled on this lease.

6. Construction Materials

A. No construction materials are needed for drilling and access roads into the drilling location unless well is productive. The surface soil materials will be sufficient or will be purchased from Dirt Contractor as needed.

B. No construction materials will be taken off Federal land.

C. All surface soil materials for construction of access roads are sufficient.

D. All major access roads presently exist as shown on EXHIBIT "E".

7. Handling of Waste Materials and Disposal

(1) Drill cuttings will be buried in the reserve pit and covered.

(2) Drilling fluids will be handled in the reserve pit.

(3) Any fluids produced during drilling test or while making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and removed.

(4) Chemical facilities will be provided for human waste.

(5) Garbage and non-flammable waste and salts and other chemicals produced during drilling or testing will be handled in trash pit. Flammable waste will be disposed of in burn pit. Drill fluids, water, drilling mud and tailings will be kept in reserve pit, as shown on EXHIBIT "H". The trash and/or burn pit will be totally enclosed with small mesh wire to prevent wind scattering trash before being burned or buried. Reserve pit will be fenced on three sides and the fourth side fenced upon removal of the rig.

(6) After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous open pit will be fenced during drilling and kept closed until such time as the pit is leveled.

8. Ancillary Facilities

No air strip, camp or other facilities will be built during drilling of this well.

9. Well Site Layout

(1) EXHIBIT "G" is the Drill Pad Layout as staked, with elevations, by Powers Elevation of Green River, Wyoming. Cuts and fills have been drafted to visualize the planned cut across the location spot and the deepest part of the pad. Topsoil will be stockpiled per BLM specifications determined at time of pre-drill inspection.

(2) EXHIBIT "H"is a plan diagram of the proposed rig and equipment, reserve pit, burn and trash pit, pipe racks and mud tanks. No permanent living facilities are planned. There will be a trailer on site.

(3) EXHIBIT "G" is a diagram showing the proposed production facilities layout.

(4) The reserve pits will not be lined. Steel mud tanks may be used during drilling operations.

10. Plans for Restoration

(1) Backfilling, leveling and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried or hauled away immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.

(2) The soil banked material will be spread over the area. Revegetation will be accomplished by planting mixed grasses as per formula provided by the USFS. Revegetation is recommended for road area, as well as around drill pad.

(3) Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock or wildlife from becoming entrapped; and the fencing will be maintained until leveling and cleanup are accomplished.

(4) If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.

(5) The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and revegetation is considered best in Spring, 1980, unless requested otherwise.

11. Other Information

(1) The soil is a clay loam. No distinguishing geological features are present. Thearea is covered with sage-brush and native grass. There are livestock, rabbits and deer in the area. The location is situated in a clearing on a high area which drains to the Southeast.

(2) The primary surface use is for grazing. The surface is owned by the U.S. Government.

(3) The closest live water is the left fork of Currant Creek, 250 feet Southwest of the location, as shown on EXHIBIT "E".

The closest occupied dwelling is a ranch located by Currant Creek, 8.0 miles Southeast of the location, as shown on EXHIBIT "E".

There are no known archaeological, historical, or cultural heritages that will be disturbed by this drilling.

(4) There are no reported restrictions or reservations noted on the oil and gas lease.

(5) Drilling is planned for on or about July 1, 1979. It is anticipated that the casing point will be reached within 30 days after commencement of drilling.

12. Lessee's or Operator's Representative

George Lapaseotes
Agent Consultant for
Jake L. Hamon
600 South Cherry Street
Suite 1201
Denver, Colorado 80222
Phone (303) 321-2217

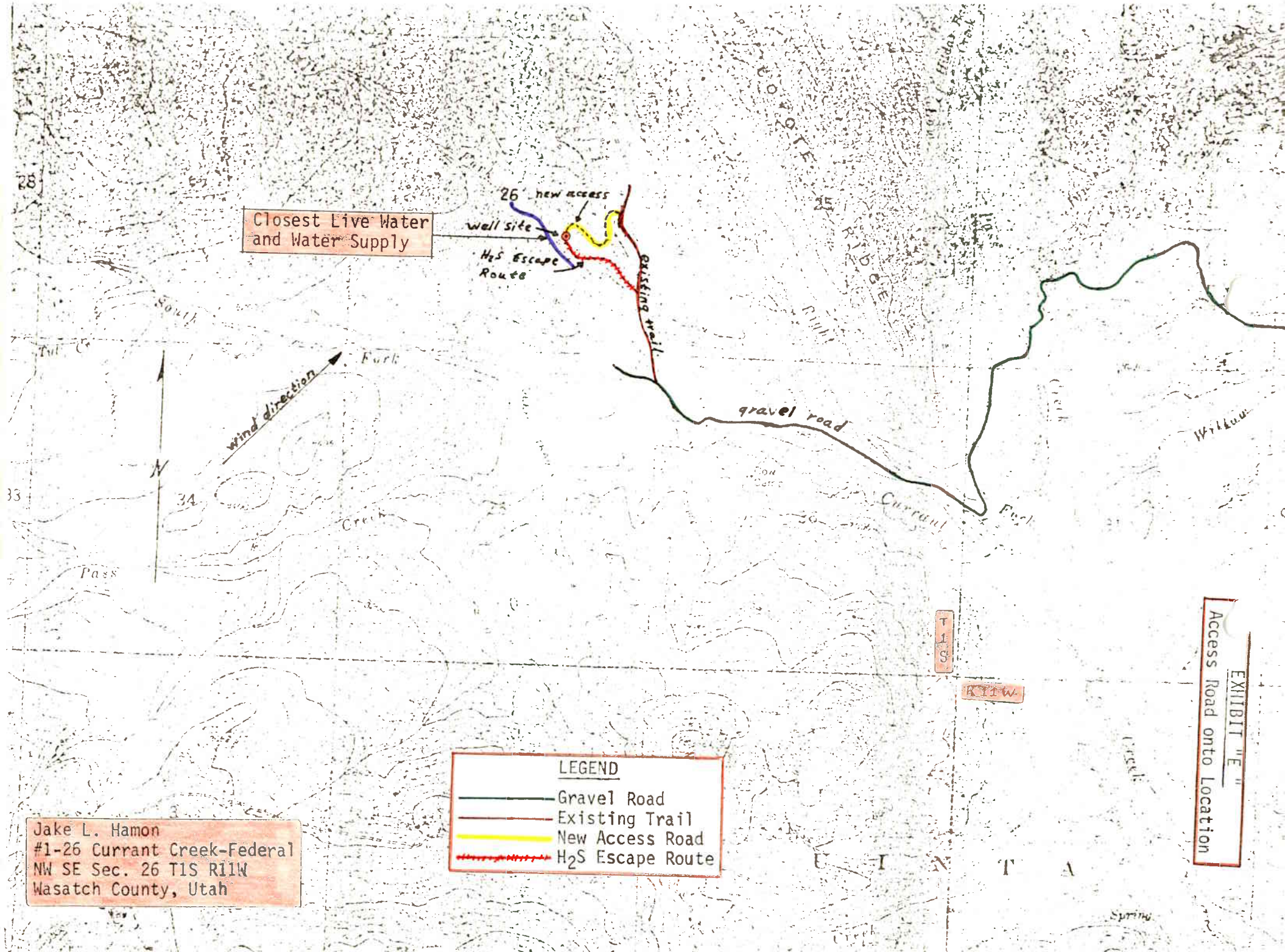
H.W. Shaw
Drilling Foreman
Jake L. Hamon
611 Petroleum Building
Midland, Texas 79701
Phone (915) 682-5218

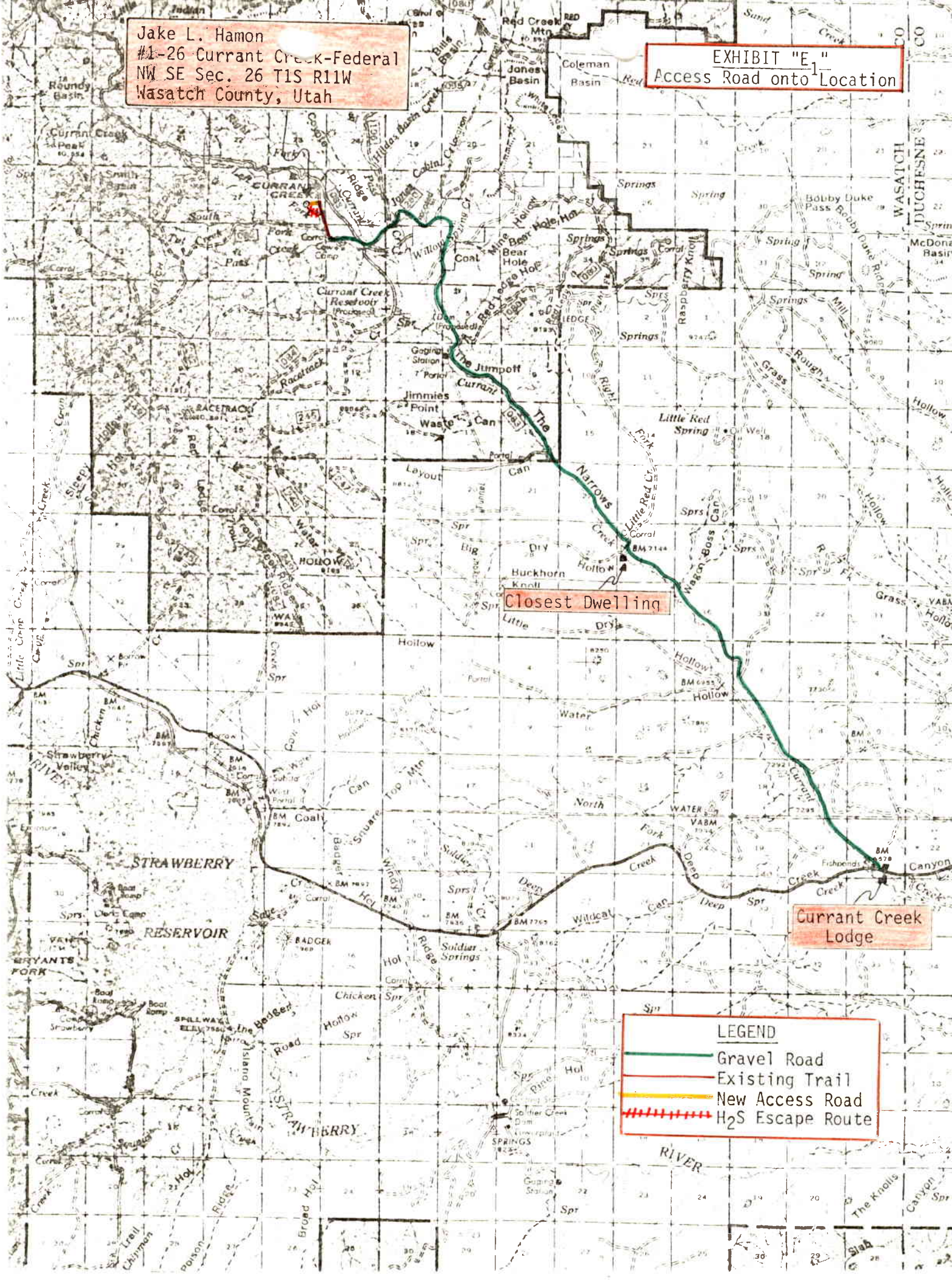
13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Jake L. Hamon and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

6-28-79
Date

George Lapaseotes
Agent Consultant for
Jake L. Hamon


Closest Live Water and Water Supply
26
new access
well site
H_2S Escape Route
existing trail
gravel road
wind direction
N
34
T 1 S
R 1 W
LEGEND
Gravel Road
Existing Trail
New Access Road
H_2S Escape Route
Jake L. Hamon
#1-26 Currant Creek-Federal
NW SE Sec. 26 T1S R1W
Wasatch County, Utah
EXHIBIT "E"
Access Road onto Location


Jake L. Hamon
#1-26 Currant Creek-Federal
NW SE Sec. 26 T1S R11W
Wasatch County, Utah
EXHIBIT "E-1"
Access Road onto Location
Closest Dwelling
Currant Creek Lodge
LEGEND
Gravel Road
Existing Trail
New Access Road
H2S Escape Route

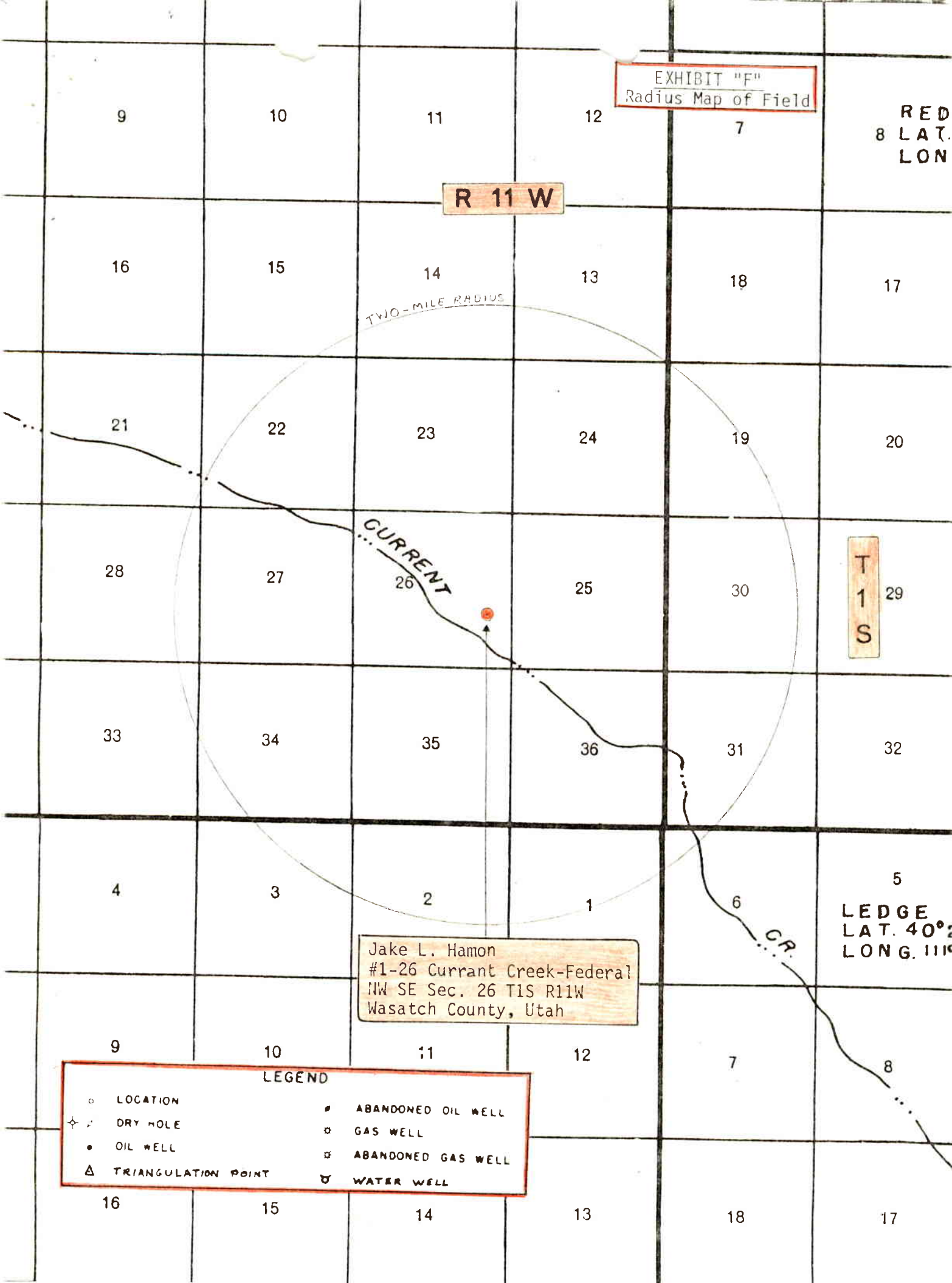
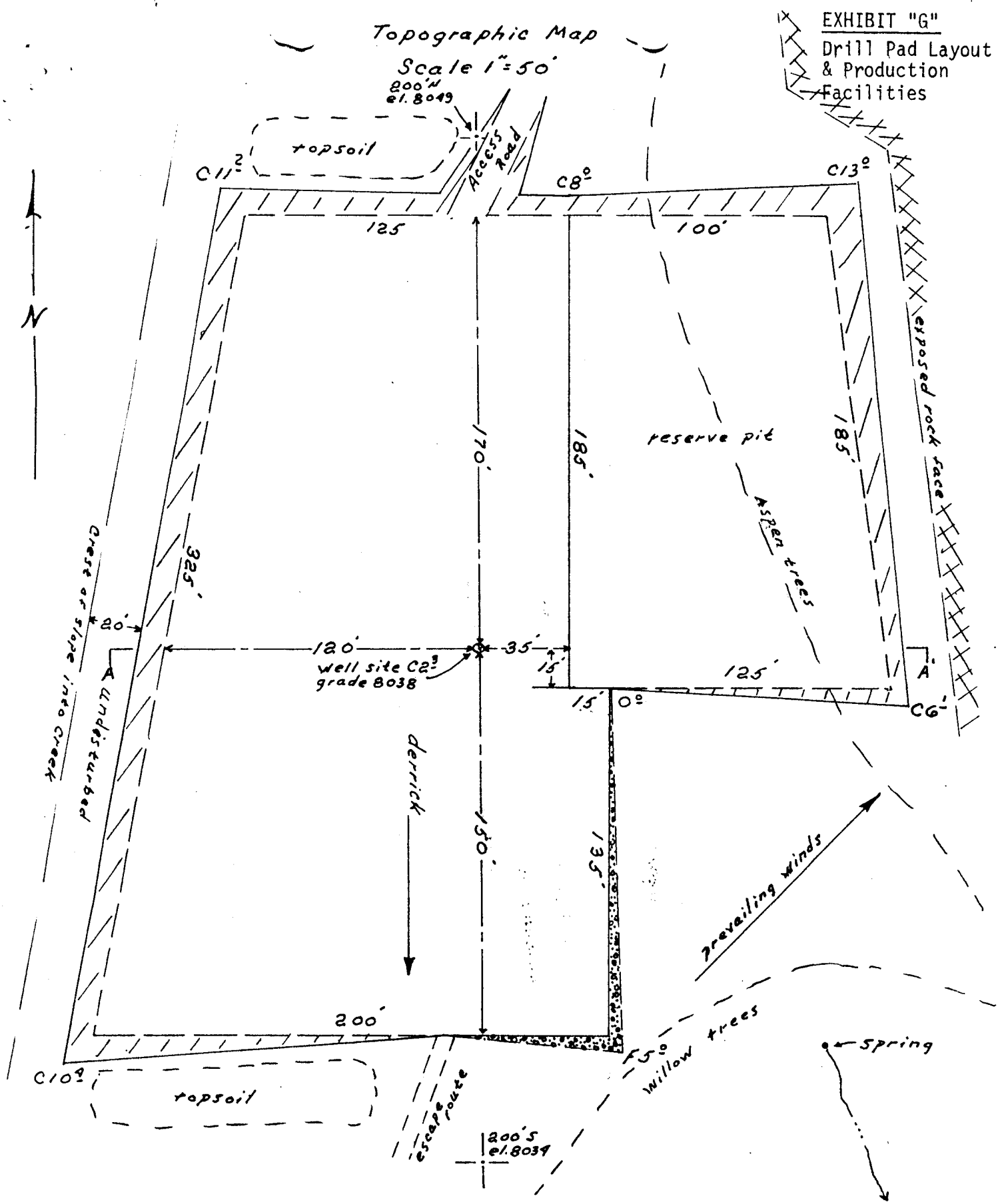


EXHIBIT "F"
Radius Map of Field
R 11 W
TWO-MILE RADIUS
CURRENT
T 1 S
Jake L. Hamon
#1-26 Currant Creek-Federal
NW SE Sec. 26 T1S R11W
Wasatch County, Utah
LEGEND
LOCATION
DRY HOLE
OIL WELL
TRIANGULATION POINT
ABANDONED OIL WELL
GAS WELL
ABANDONED GAS WELL
WATER WELL

EXHIBIT "G"

Drill Pad Layout & Production Facilities



Jake L. Hamon
#1-26 Currant Creek Prospect-Fed.
1980' F.S.L. & 1690' F.E.L.
Sec. 26 T1S R11W
Wasatch Co., Utah

by: Bill Shaw 7-23-79
Powers Elevation

EXHIBIT "G_1"

Cross Section

Scale

horiz. 1"=50'

vert. 1"=20'

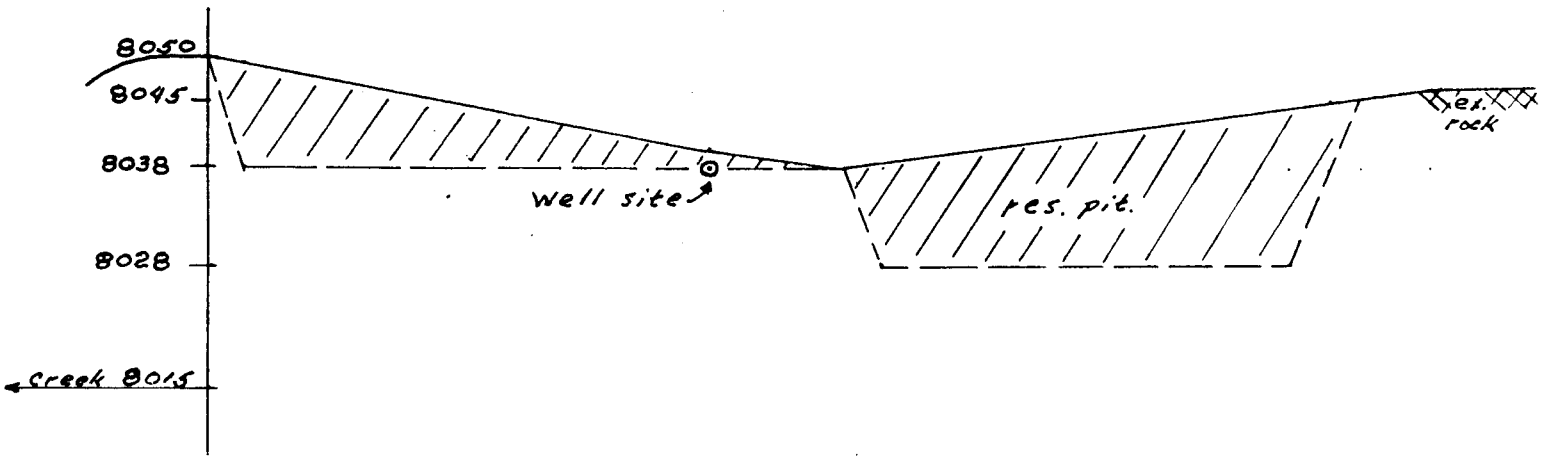
Legend

——— orig. surface

- - - - grade

IIIII cut

Fill

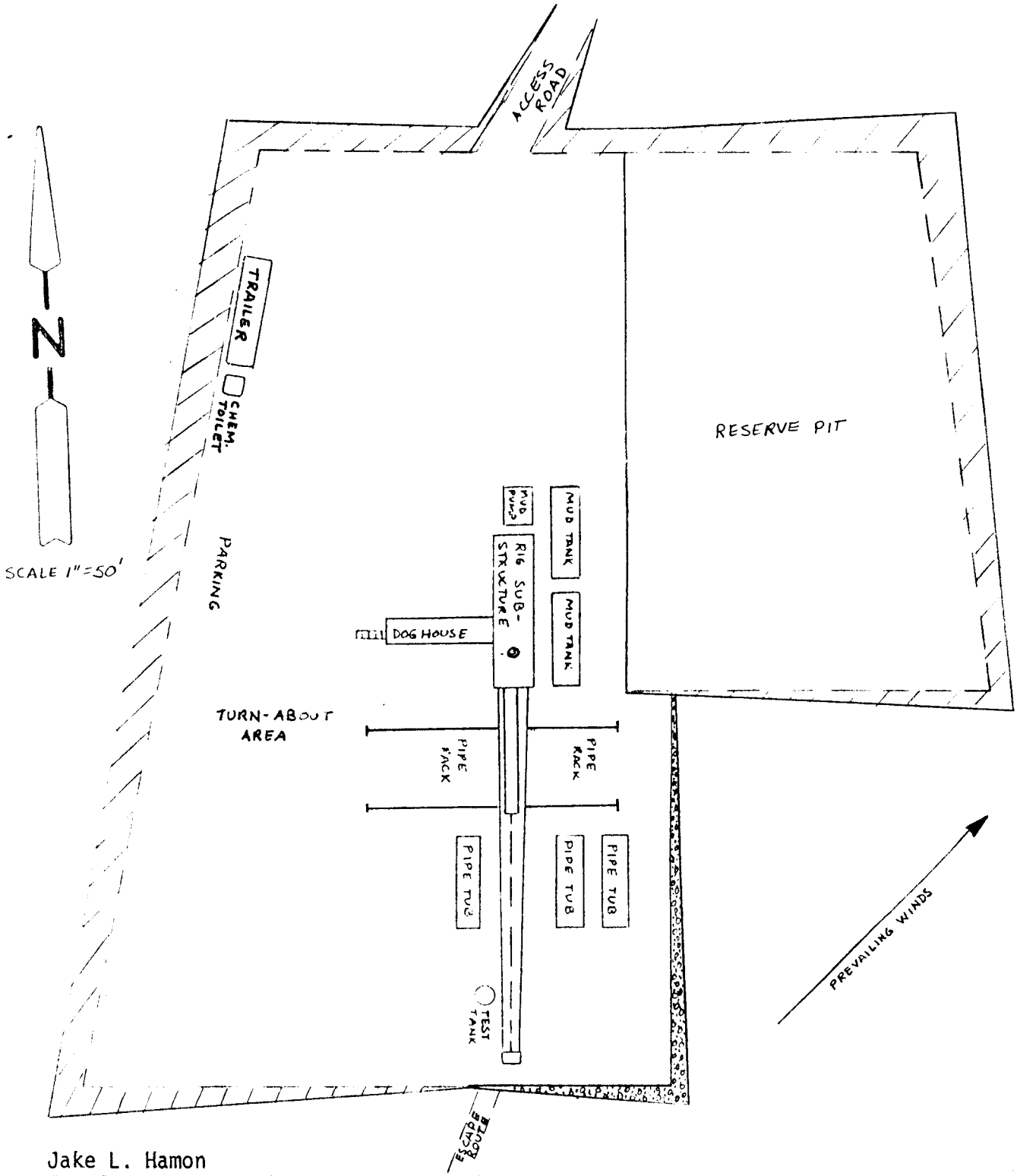


Jake L. Hamon
#1-26 Currant Creek Prospect-Fed.
1980' F.S.L. & 1640' F.E.L.
Sec. 26 T1S R11W
Wasatch Co., Utah

by: Bill Shaw 7-23-79
Powers Elevation

EXHIBIT "H"

Drill Rig Layout



Jake L. Hamon
#1-26 Currant Creek Prospect-Federal
1980'FSL & 1640'FEL
Sec. 26 T1S R11W
Wasatch County, Utah

FROM: : DISTRICT GEOLOGIST, [illegible], SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, [illegible]G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT LEASE NO. U-20555

OPERATOR: Jake L. Hamon WELL NO. 1-26

LOCATION: SE ¼ NW ¼ SE ¼ sec. 26, T. 15, R. 11W, USM

Wasatch County, Utah

---

1. Stratigraphy:

				* Operator picked tops are reasonable except top of Thaynes
Alluvial gravel	surface	Shinarump	5500	
Morrison	50	Moenkopi	5600	
Curtis	1000	Park City-Phosphoria	6500	
Entrada	1200	Weber	7100	
Twin Creek	1500	Humbug	8600	
Navajo	2450	Madison	9850	
Thaynes	3700	Total Depth	10,300'	
Chinle	5200			

2. Fresh Water:

see attached report

3. Leasable Minerals:

none.

4. Additional Logs Needed:

adequate

5. Potential Geologic Hazards:

probably no H_2S

6. References and Remarks:

UGMS Survey guide book 5, AAPG Bull. V36. P575-634, Utah state geologic map, townships files

Steeply dipping from surface but may be deflected

Signature: Scott L. Bartlett Date: July 11 - 1979

REQUEST FOR INFORMATION FROM WATER RESOURCES DIVISION

Date 7-11-79

Person and Divi... making request Scott L. B... Mineral Evaluation

AREA: County and State Wasatch Utah

Township 1 N/(S) Range 11 E/(W) Section 26 USM SE¼ NW¼ SE¼ BL&M

Altitude of surface at site 8038 Formation at surface (if known) Alluvial material - Morrison below that

PURPOSE:

Protection of useful ground water (casing program); check X

Other (describe):

For WRD use Date in: 7/11/79

Person assigned: Hood Date out: 7/11/79

Evaluation: Fairly large fault about 1 mile west. Formations dipping generally eastward. Total Morrison about 1500 ft. Aquifers within 3000 ft of surface include sandstones in the Curtis (stump), Entrada and Nugget (Navajo). Because of deep burial & low perm., they probably contain saline water BUT because of faulting, etc., the Nugget may contain usable water. Surface casing should be set well into the Morrison and cemented to case off any water in the alluvium. 50-100 ft into Morrison should be adequate unless air drilling shows fresh water in Morrison.

Because of possible useful water in Nugget, company should monitor the return drilling fluid, especially if drilling with air, and the company should be prepared to set an intermediate string of csg if appreciable quantities of water come from the Nugget

continue over

Signed by evaluator J. W. Hood Time used ½

Evaluator: Send copy to coordinator - original direct to originator of request

Jake L. Hamon
#1-26 Currant Creek Prospect - Federal
NW SE Sec. 26 T1S R11W
1980' FSL & 1640' FEL
Wasatch County, Utah

EXHIBIT "H_1"

ON-SITE EQUIPMENT AND GENERAL PRACTICES
FOR DRILLING IN KNOWN AREA OR IN A KNOWN
FORMATION CONTAINING HYDROGEN SULFIDE

As stipulated by the Utah Department of Natural Resources - Division of Oil, Gas & Mining, H_2S safety equipment will be on site, and H_2S safety procedures will be implemented at a prudent depth prior to reaching the Thaynes (Dinwoody)/Phosphoria formations.

1. There will be a minimum of three cleared areas designated as crew briefing or safety areas. They will be located 250 feet from the BOP stack and will be placed so that at least one location is always upwind. See EXHIBIT "H_2" for layout.

2. The drilling rig will be spotted so as the general prevailing wind is blowing towards the pits, as shown on EXHIBIT "H_2".

3. The location and the reserve pit will be larger than normal to allow reasonable safe disances from the well for on-site trailers. The reserve pit will be larger than normal in order to accommodate safe flaring of gas, as shown on EXHIBIT "H_2".

4. There will be three wind sack poles, each having two streams. The lower most streamer will be located no more than eight feet above ground level or, when attached to the rig, nor more than eight feet above the rotary table. Streamers will be illuminated for night operations. See EXHIBIT "H_2".

5. The mud logging unit will be no closer than 125 feet from the BOP unit, and the electrical generator will be 150 feet from the BOP unit, as shown on EXHIBIT "H_2".

6. Well marked, highly visible warning signs will be located no less than .5 mile on all access roads to the rig.

7. Contingency Plan is attached (EXHIBIT "H_3").

8. There will be a minimum of five self-contained breathing apparatus on the rig floor, and two self-contained breathing apparatus for each occupied trailer on location, as indicated on EXHIBIT "H_2".

9. There will be two "bug fans" on location and both will be blowing towards the pits: one will be in the cellar area and the other will be on the

rotary floor, as illustrated on EXHIBIT "H_2".

10. Prior to drilling into a potentially hazardous formation, the following additional equipment will be on hand (illustrated on EXHIBIT "H_2", where applicable).

    A. Safety trailer containing no less than 10-380 cubic foot bottles of breathing air. The bottles will be connected to a manifold system that provides outlets on the rig floor for at least nine men, and at the mud pump and hopper area for four men.

    B. One resuscitator complete with medical oxygen.

    C. One hand H_2S detector located on the rig floor.

    D. One flare gun located in the rig supervisor's trailer.

    E. One additional stretcher and one additional first aid kit.

    F. One high pressure air compressor suitable for recharging air cylinders.

    G. One visible and one audible alarm system complete with monitors located at the shale shaker and at the bell nipple.

    H. A sufficient quantity of 50/50 aqueous ammonia and water to load the drill pipe when pulling a D.S.T.

    I. Radio or telephone communication equipment.

11. Additional Information - In compliance with USGS requirements, an upwind escape route has been staked and centerline flagged, and it has been incorporated into the H_2S safety plan for the above-referenced well site. See EXHIBIT "H_2" and EXHIBITS "E" and "E_1".

Jake L. Hamon
#1-26 Currant Creek Prospect - Federal
NW SE Sec. 26 T1S R11W
1980' FSL & 1640' FEL
Wasatch County, Utah

ON-SITE EQUIPMENT AND GENERAL PRACTICES
FOR DRILLING IN KNOWN AREA OR IN A KNOWN
FORMATION CONTAINING HYDROGEN SULFIDE

EXHIBIT "H_3"

7. Contingency Plan

Note: The closest occupied dwelling* is at a sheep ranch in Dry Hollow, Currant Creek, 8.0 miles Southeast of the location (NW SW Sec. 26 T2S R10W). In case of an H_2S emergency, the following telephone numbers will be called (this listing of emergency telephone numbers will be kept in the doghouse at all times during drilling operations):

A. EMERGENCY MEDICAL ATTENTION
LDS Hospital - Tel. (801) 350-1234
Thad More, Asst. Director of Life Flight
325 8th Avenue
Salt Lake City, Utah 84143

An appropriate topographic map will be sent to Life Flight at LDS Hospital, prior to spudding the above-referenced well, so that it would already be on file, should an emergency occur. In case of a medical emergency, the tool pusher or his substitute need only ring the emergency Life Flight number, identify himself and give the following information:

1) Jake L. Hamon (operator), well name, number and location (and indicate that topo map is on file at LDS Life Flight).

2) Apparent injury/injuries, condition of injured, whether blood, oxygen, etc. needed.

3) Call back telephone number so that helicopter pilot could get in touch with tool pusher if necessary.

4) Weather conditions (any wind problems, etc.).

5) Patient(s) name and age, and hospital destination if other than LDS Hospital, Salt Lake City.

B. U.S. FOREST SERVICE - Uinta National Forest (Heber City)
Roy H. Daniels, District Ranger - Tel. (801) 654-0470

C. STATE OF UTAH, DEPARTMENT OF NATURAL RESOURCES - DIVISION OF OIL, GAS & MINING
Cleon B. Feight, Director/Mike Minder - Tel. (801) 533-5771

D. U.S. GEOLOGICAL SURVEY
Ed Guynn, District Engineer/George Diwachak - Tel. (801) 524-5650

E. U.S. BUREAU OF RECLAMATION - Currant Creek Dam Project, etc.
Uinta Basin (Duchesne) Construction Office
Bill White, Construction Engineer - Tel. (801) 738-2441

F. INDUSTRIAL COMMISSION - UTAH OSHA
Ronald L. Joseph, Administrator/Don Anderson - Tel. (801) 533-6401

G. WASATCH COUNTY SHERIFF
Tel. (801) 654-1411

H. UTAH DEPARTMENT OF ENVIRONMENTAL HEALTH, BUREAU OF AIR QUALITY
Alvin E. Rickers, Director/Robert Dowley - Tel. (801) 533-6108

I. ENVIRONMENTAL PROTECTION AGENCY
Al Yorke, Chief of Emergency Planning & Response Branch - Tel. (303)837-3880
(24 hour - emergency number).

J. *CLOSEST OCCUPIED DWELLING
Emory C. & Verland Smith (Uinta Title Insurance) Ranch Tel. (801) 549-3168/3162
If no answer, Salt Lake City home tel. (801) 582-0364.

K. CURRANT CREEK LODGE - (19.1 MILES SOUTHEAST OF LOCATION)
Sandra Hoover - Tel. (801) 533-6108

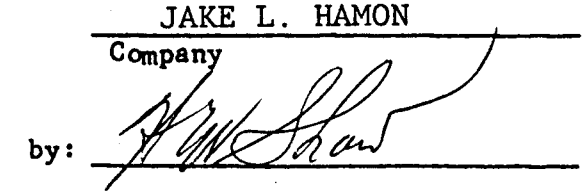
Powers Elevation Company, Inc.
Suite 1201 Cherry Creek Plaza
600 So. Cherry St.
Denver, Colorado 80222

Gentlemen:

This is to confirm our understanding with you concerning any kind of work you may be requested to perform from time to time as an agent or contractor for environmental and engineering services.

The jobs to be performed by you will be as requested by an authorized representative of the organization listed below.

JAKE L. HAMON
Company

by: 

Title Drilling Engineer

Date June 6, 1979

RE: Filing Utah State Sundry Notice & Spacing Exception
Jake L. Hamon
#1-26 Currant Creek-Federal
NW SE Sec. 26 T1S R11W
1980'FSL & 1640'FEL
Wasatch County, Utah

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Jake L. Hamon

3. ADDRESS OF OPERATOR: 611 Petroleum Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: ~~1840'~~ 1980' FSL & ~~1670~~ 1640' FEL (NW SE)
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.: U-20555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Currant Creek Federal

9. WELL NO.: 1-26

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 26, T-1-S, R-11-W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 15 miles N.W. of Fruitland, Utah

12. COUNTY OR PARISH: Wasatch

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1670'

16. NO. OF ACRES IN LEASE: 800

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: N.A.

19. PROPOSED DEPTH: 10,300'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 8038' GR

22. APPROX. DATE WORK WILL START*: 1 July 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	1000'	1000 sx circ to surface
12-1/4"	9-5/8"	40#	6200'	3000 sx
7-7/8"	4-1/2"or5-1/2"	11.6# or 17#	10,300'	500 sx 150-200' above uppermost hydrocarbon zone

Operator proposes to drill to approximately 10,300' to test the Madison Lime formation Any significant shows of oil or gas will be drill stem tested. If oil or gas production is indicated in any zone penetrated, 4-1/2" or 5-1/2" casing will be set and cemented and the productive zone perforated. If necessary, the productive zone will be acidized and/or hydraulically fractured.
For BOP program, see point #5 of "Ten Point Operation Plan".
NOTE: Designation of Operator has been filed by our Denver office.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED [signature] TITLE Drilling Foreman DATE 6-1-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE SEP 19 1979

CONDITIONS OF APPROVAL, IF ANY: CONDITIONS ATTACHED TO COPY

APPROVAL

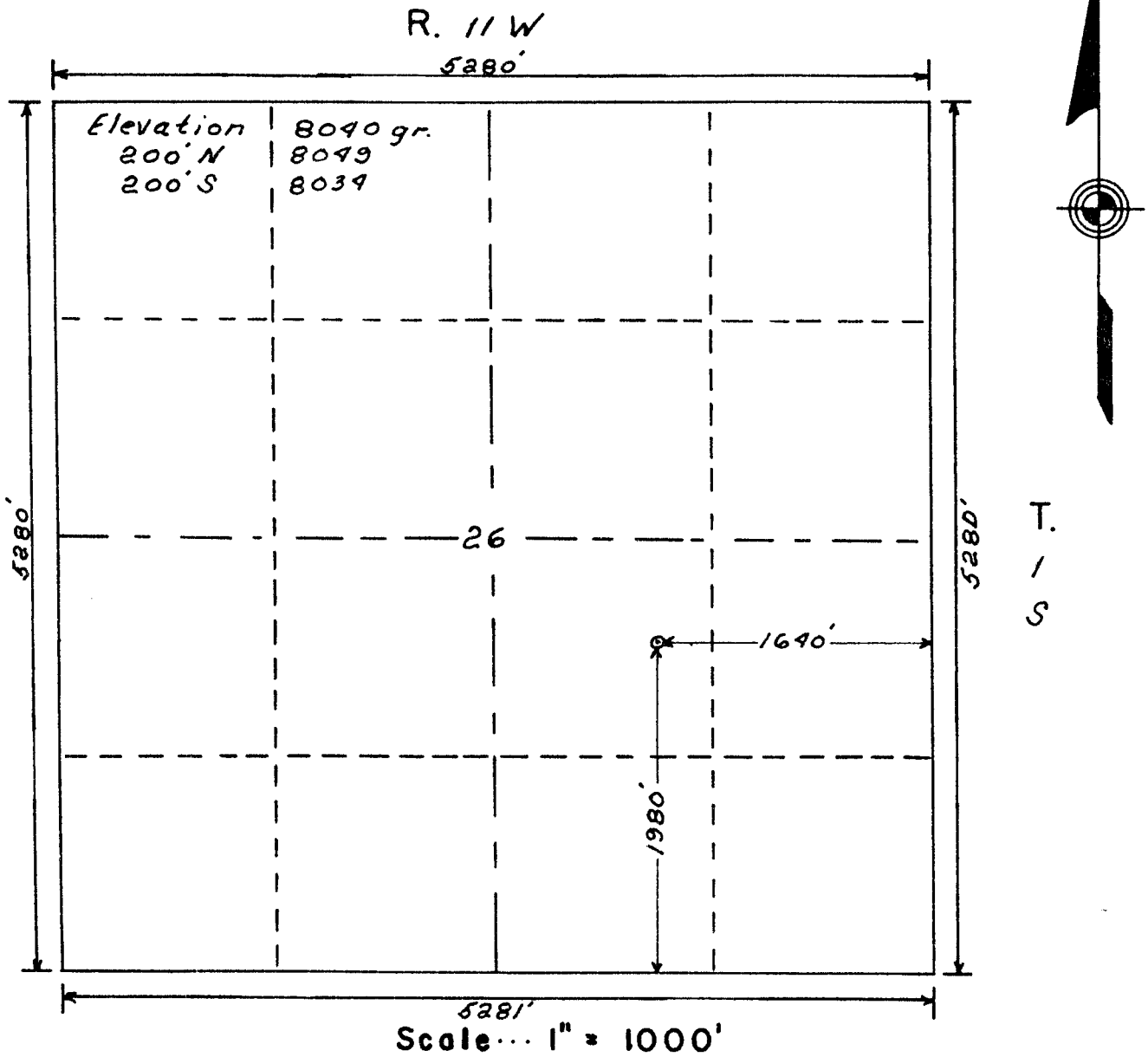
*See Instructions On Reverse Side

NECESSARY FOR COMPLETION

State Oil + Gas

FORM F-106

EXHIBIT "A"
Location & Elevation Plat



Scale··· 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado has in accordance with a request from Tim Massey for Jake L. Hamon determined the location of #1-26 Currant Creek Prospect-Federal to be 1980' F.S.L. & 1640' F.E.L. Section 26 Township 1S Range 11W Uintah Meridian Wasatch County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of #1-26 Currant Creek Prospect-Federal

Date: 7-23-79

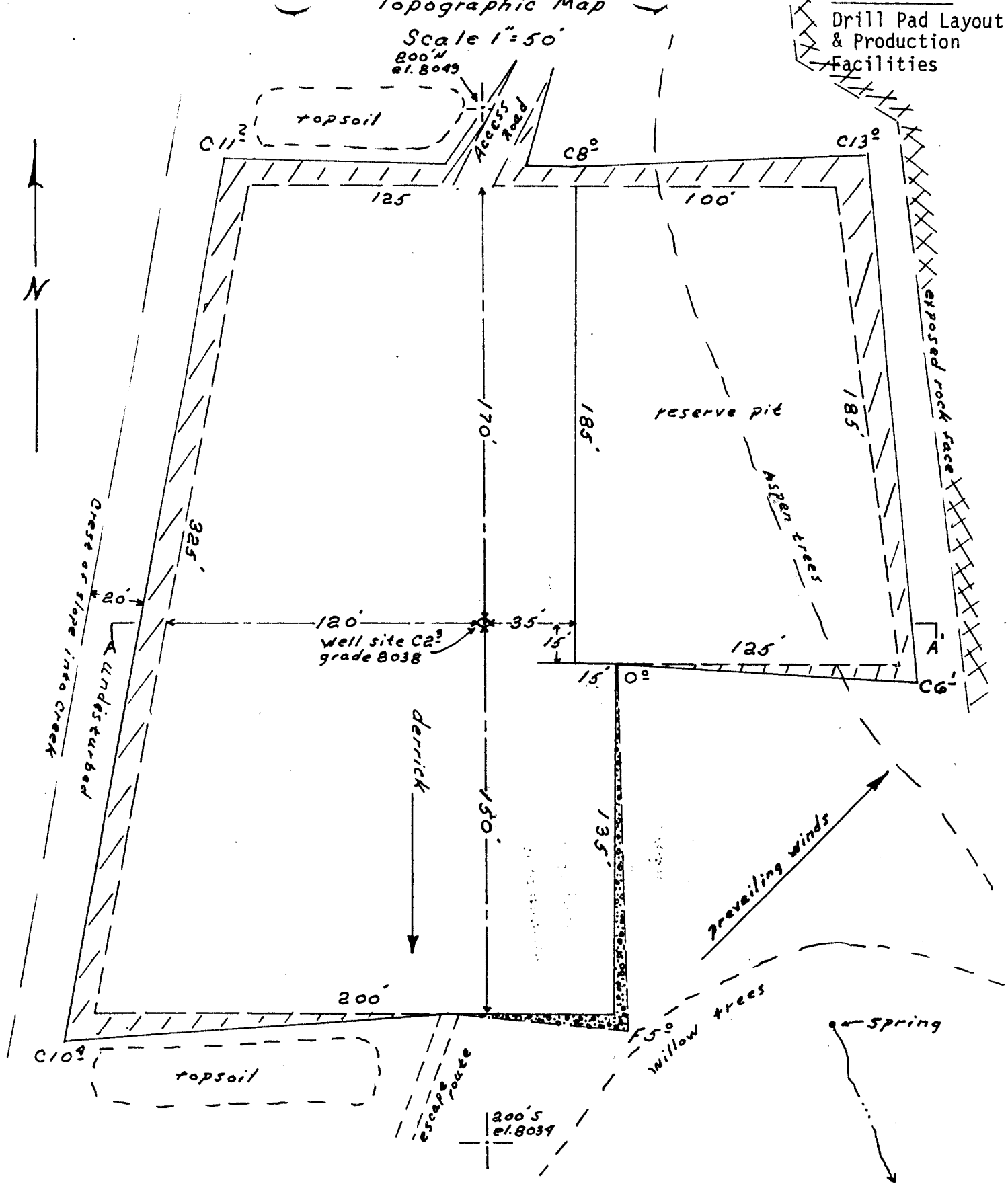
T Nelson
Licensed Land Surveyor No. 2711
State of Utah

EXHIBIT "G"

Drill Pad Layout & Production Facilities

Topographic Map

Scale 1" = 50'



Jake C. Hamon
#1-26 Currant Creek Prospect-Fed.
1980' F.S.L. & 1640' F.E.L.
Sec. 26 T 1S R 11W
Wasatch Co., Utah

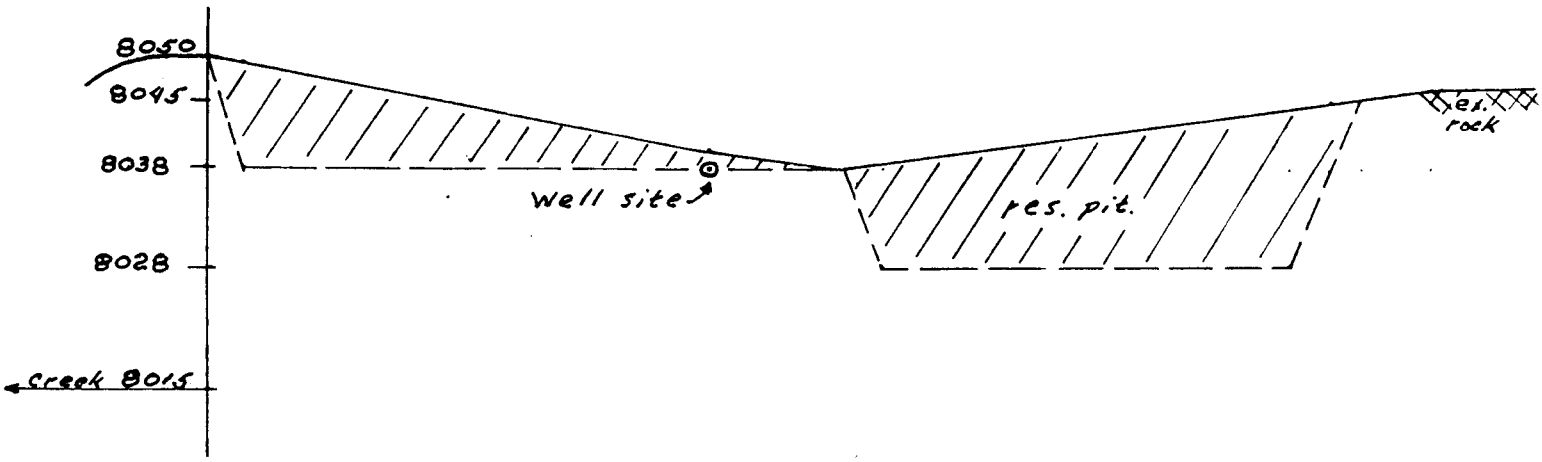
by: Bill Shaw 7-23-79
Powers Elevation

EXHIBIT "G_1"

Cross Section

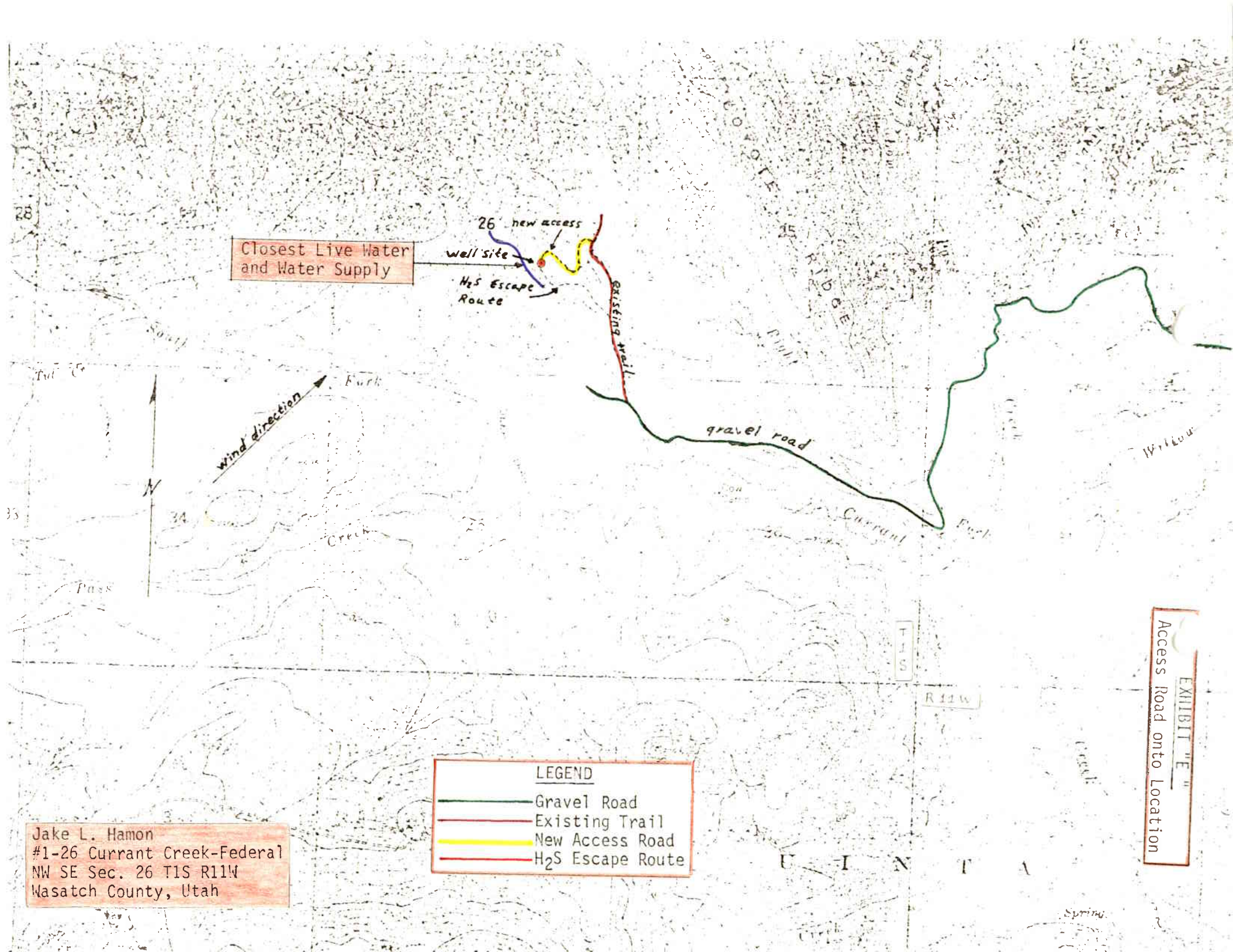
Scale
horiz. 1"=50'
vert. 1"=20'

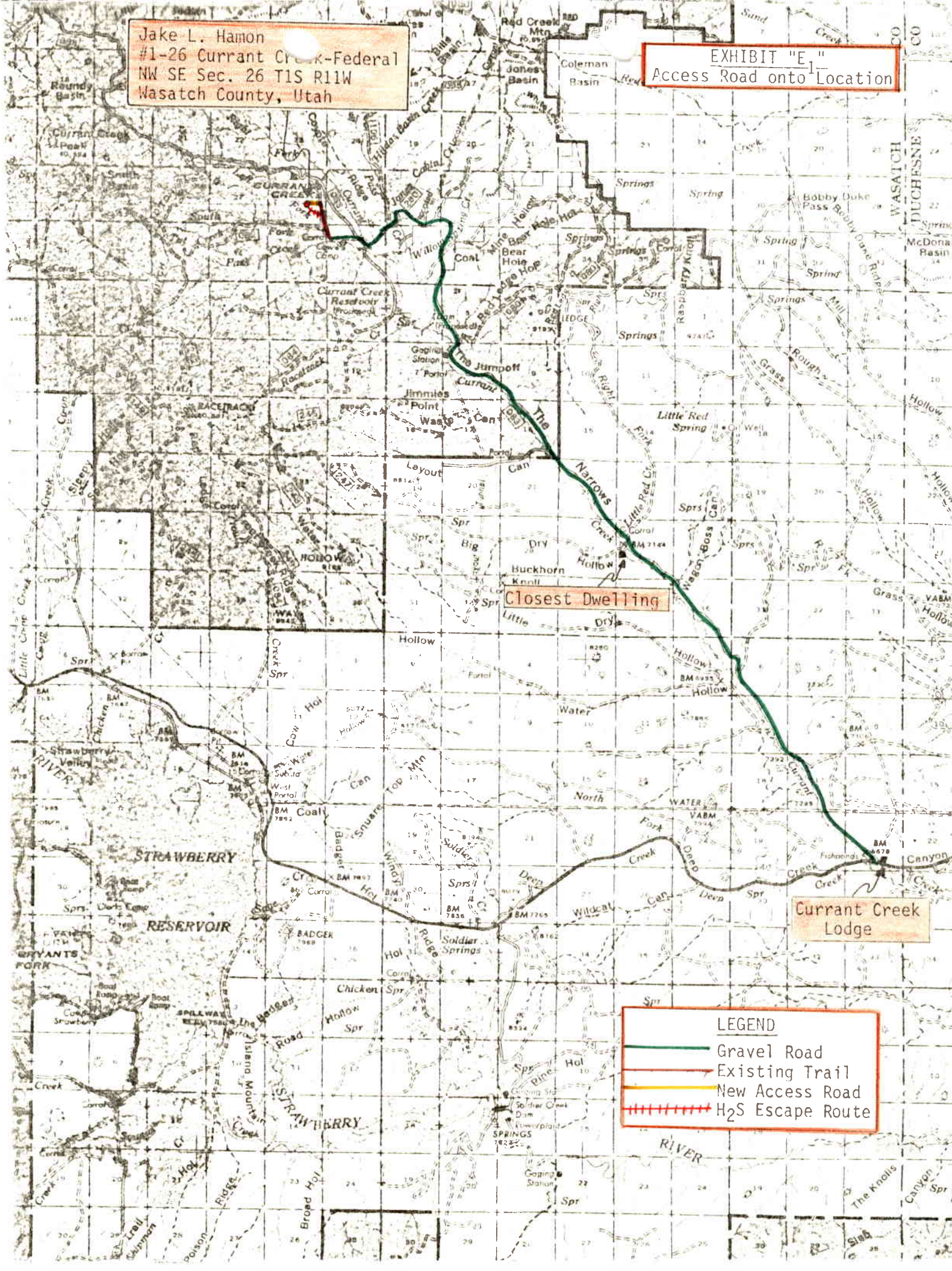
legend
——— orig. surface
- - - - grade
IIIII cut
Fill



Jake L. Harmon
#1-26 Currant Creek Prospect-Fed.
1980' F.S.L. & 1640' F.E.L.
Sec. 26 T1S R11W
Wasatch Co., Utah

by: Bill Shaw 7-23-79
Powers Elevation


Closest Live Water and Water Supply
26
new access
well site
H_2S Escape Route
existing trail
gravel road
wind direction
N
LEGEND
Gravel Road
Existing Trail
New Access Road
H_2S Escape Route
Jake L. Hamon
#1-26 Currant Creek-Federal
NW SE Sec. 26 T1S R11W
Wasatch County, Utah
EXHIBIT "E"
Access Road onto Location
T 1 S
R 11 W
U I N T A


Jake L. Hamon
#1-26 Currant Creek-Federal
NW SE Sec. 26 T1S R11W
Wasatch County, Utah
EXHIBIT "E"
Access Road onto Location
Closest Dwelling
Currant Creek Lodge
LEGEND
Gravel Road
Existing Trail
New Access Road
H2S Escape Route

Oil and Gas Drilling EA No. 451-79

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-20555

Operator: Jake L. Hamon Well No. 1-26

Location: 1980' FSL & 1640' FEL NW SE Sec. 26 T. 1S R. 11W

County: Wasatch State: Utah Field: Wildcat

Status: Surface Ownership Public Minerals Federal

Joint Field Inspection Date: July 23, 1979

Participants and Organizations:

George Diwachak	U.S. Geological Survey, Salt Lake City
Roy Daniels	U.S. Forest Service, Uinta Nat'l. Forest
Regis Tierney	U.S. Forest Service, Uinta Nat'l. Forest
Clyde Lay	U.S. Forest Service, Uinta Nat'l. Forest
Doug Muir	U.S. Forest Service, Uinta Nat'l. Forest
Buck Shaw	Jake L. Hamon
Jay Hamon	Jake L. Hamon
James Massey	Jake L. Hamon
Dennis Carlton	Jake L. Hamon
Walt Limb	Walt Limb Construction
Mark Hansen	Walt Limb Construction
Lee Jorgensen	Walt Limb Construction
Bill Grace	Powers Elevation Company

Related Environmental Analyses and References:

(1)

(2)

Analysis Prepared By: George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date: July 30, 1979

Noted - G. Diwachak

Proposed Action:

On June 29, 1979, Jake L. Hamon filed an Application for Permit to Drill the No. 1-26 exploratory well, a 10,300 foot oil test of the Madison Formation; located at an elevation of 8038 ft. in the NW¼ SE¼ Section 26, T. 1S., R. 11W. on Federal mineral lands and public surface; lease No. U-20555. An objection was raised to the wellsite due to its proximity to the Left Fork Currant Creek and a nearby spring, therefore, it was moved 143 ft. at an angle of 12° E of north to 1980' FSL and 1640' FEL. This did not change the ¼ ¼ coordinates. An objection was also raised to the access road as it involved massive cuts for construction in proximity to the Left Fork Currant Creek. The road was changed to enter the location from the northeast. See attached map for new access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the U.S. Forest Service, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 325 ft. long by 200 ft. wide on the south edge and 125 ft. wide on the north side. A reserve pit would be constructed 185 ft. long by 125 ft. wide on the south edge and 100 ft. wide on the north edge. See attached diagram for pad alignment. A new access road would be constructed 18 ft. wide by about 0.25 miles long and an existing trail would require upgrading over its 0.5 mile length from a maintained road.

If production is established, facilities would be constructed on the disturbed area of the proposed drill pad.

The anticipated starting date is upon approval and the duration of drilling activities would be about 175 days.

Location and Natural Setting:

The proposed drillsite is approximately 15 miles northwest of Fruitland, Utah, the nearest town. A poor road runs to within 0.25 miles of the location. This well is a wildcat.

Topography:

The proposed location is within the southwest flank of the Uinta Mountains at an elevation of 8038 ft. above sea level. The location is situated within a gently undulating meadow near the Left Fork Currant Creek.

Geology:

The surface geology is alluvial gravels overlying the Morrison Formation. The soil is a gravelly cobbly loam. A fairly large fault running in a northwest-southeast axis exists about 1 mile west of the location. Formations in the area dip generally eastward. With the exception of flash floods, the potential for geologic hazards are minimal at the test site. Seismic risk for the area is moderate. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a silt loam to a clay loam type soil. The soil is somewhat subject to rainfall and has a medium to low runoff potential and sediment production would be moderately low. The soils are slightly acidic to mildly alkaline and support a subalpine plant community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the U.S. Forest Service.

Approximately 3.0 acres of land would be stripped of vegetation. This would increase the erosional potential. To minimize this impact, the USFS has recommended the location be constructed to drain to the reserve pit which may require periodic pumping and proper disposal. Other such construction practices, construction of waterbars and reseeding of slope-cut areas would also minimize this impact.

Air:

No specific data on air quality is available at the proposed location; however, considering the remoteness of the region, air quality could be considered good.There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated; however, the operator plans to drill through the Thaynes and Phosphoria Formations, known Hydrogen Sulfide (H_2S) units to the north of this location within the Overthrust Belt. The potential for encountering sour gas cannot, therefore, be ruled out. The operator has been instructed that an approved "standby" H_2S contingency plan would be required prior to the commencement of drilling.

H_2S potential?

Precipitation:

Annual precipitation should range from about 20 to 24 inches at the proposed location, with the majority occurring as snowfall. The majority of the drainages in the area are of a perennial nature.

Winds are medium and gusty, occurring predominately from southwest to northeast. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, moderately hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage from the location would be towards the Left Fork Currant Creek which flows into Currant Creek, a tributary of the Duchesne River. Several beaver ponds exist near the location and throughout the Left Fork Currant Creek. The original location was moved away from the creek to lessen potential impacts. A 20 ft. wide undisturbed patch of vegetation would remain between the west edge of the location and the crest of the slope into the creek. See attached pad layout.

Some additional erosion would be expected in the area since surface vegetation would be removed. Constructing the pad to drain to the reserve pit would lessen this impact. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Ground water in the area of the proposed test could occur in usable quantities and qualities in the alluvium. There are several springs in the area, and vegetation indicates moist conditions near the surface. The potential for encountering ground water at the south edge of the location during construction also dictated the necessity to move the location. Surface casing set 50-100 ft. into the Morrison Formation should adequately protect any water in the alluvium unless fresh water is found in the Morrison. Aquifers within 3000 ft. of the surface include the sandstones in the Curtis and Navajo (Nugget) Formations. However, they are probably saline. The Navajo has potential for fresh water due to the faulting in the area. Because of possible useful water in the Navajo, the operator should moniter the return drilling fluid and perform an electric log to determine water qualities and quantities, and be prepared to set an intermediate string of casing if appreciable quantities are discovered in the formation (See report from WRD attached).

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan.

Due to the shallow depth to ground water, the reserve pit would be lined with bentonite. The pit should also be constructed using a keyway and

compacted in lifts to further insure the retention of fluids.

If fresh water should be available from the well. the USFS may request completion as a water well if given approval.

Vegetation:

Plants in the area are of a mixed mountain shrub, subalpine community. Species present in the vicinity of the proposed test site include aspen, subalpine fir, sagebrush, rabbittbrush, snowberry, willow, wildflowers and varieties of grasses.

Proposed action would remove about 3.0 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available in grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominately of elk, mule deer, coyotes, foxes, rabbits, beavers and varieties of small ground squirrels and other types of rodents and few varieties of reptiles. The area is used by man for the grazing of domestic livestock and sheep. The birds of the area are raptors, finches, sparrows, belted kingfishers, magpies, crows and jays.

An animal and plant inventory has been made by the USFS. No endangered plants or animals are known to inhabit the project area, although the American Bald Eagle migrates through the region.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance has been performed. Appropriate clearances must, however, be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified resource specialist.

The nearest dwellings in the area are summer residences located approximately 7 miles east of the drill site.

There are no occupied dwellings or other facilities of this nature in the immediate area. Distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing and recreation.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the immediate area and could present an intrusion depending on the viewpoint of the observer.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Wasatch County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

The proposed test site is within the Uinta National Forest. Recreational use in the immediate vicinity of the test site is generally moderate. Construction is presently underway on Currant Creek Reservoir, approximately 2 miles southeast of the location. A large developed campground and boat launching facilities are also planned, and recreational use of the area should increase substantially in the future. At the present time, however, there are no formally designated recreation sites near the location.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

(1) Not approving the proposed permit--The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be

substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since an impact on the environment would be expected, the alternative of moving the location is recommended. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

(3) Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

a. The location is moved to 1980' FSL and 1640' FEL to reduce potential impacts to the Left Fork Currant Creek.

b. The access road is changed as designated on the attached map to eliminate massive cuts planned for the initial proposed road and to reduce the erosional potential to Left Cork Currant Creek.

c. The reserve pit is lined and constructed with a keyway, compacting the pit in lifts to insure the retention of fluids.

d. The location is constructed to drain toward the reserve pit as specified by the U.S. Forest Service.

e. A "stand-by" H_2S contingency plan is received and approved by USGS prior to the commencement of drilling.

f. Surface casing is set 50 to 100 ft. into the Morrison Formation to protect potential fresh water aquifers in the surface alluvium.

g. Adequate electric logs are run and return drilling fluids are monitored while drilling through the Navajo Formation to determine qualities and quantities of potential aquifers. If appreciable quantities of fresh water are discovered, an intermediate string of casing

would be required to protect the aquifer.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 3.0 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable committment of resources would be made. Erosion from the site would eventually be carried as sediment in the Duchesne River.* The potential for pollution to Left Fork Currant Creek would exist through leaks and spills.

Determination:

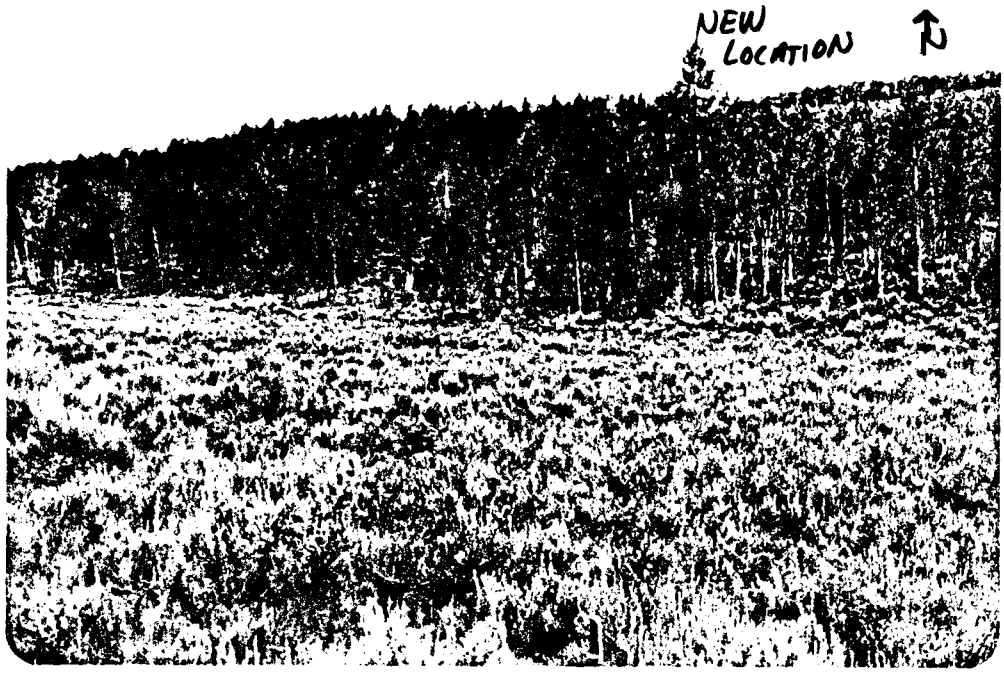
This requested action ~~does~~ does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

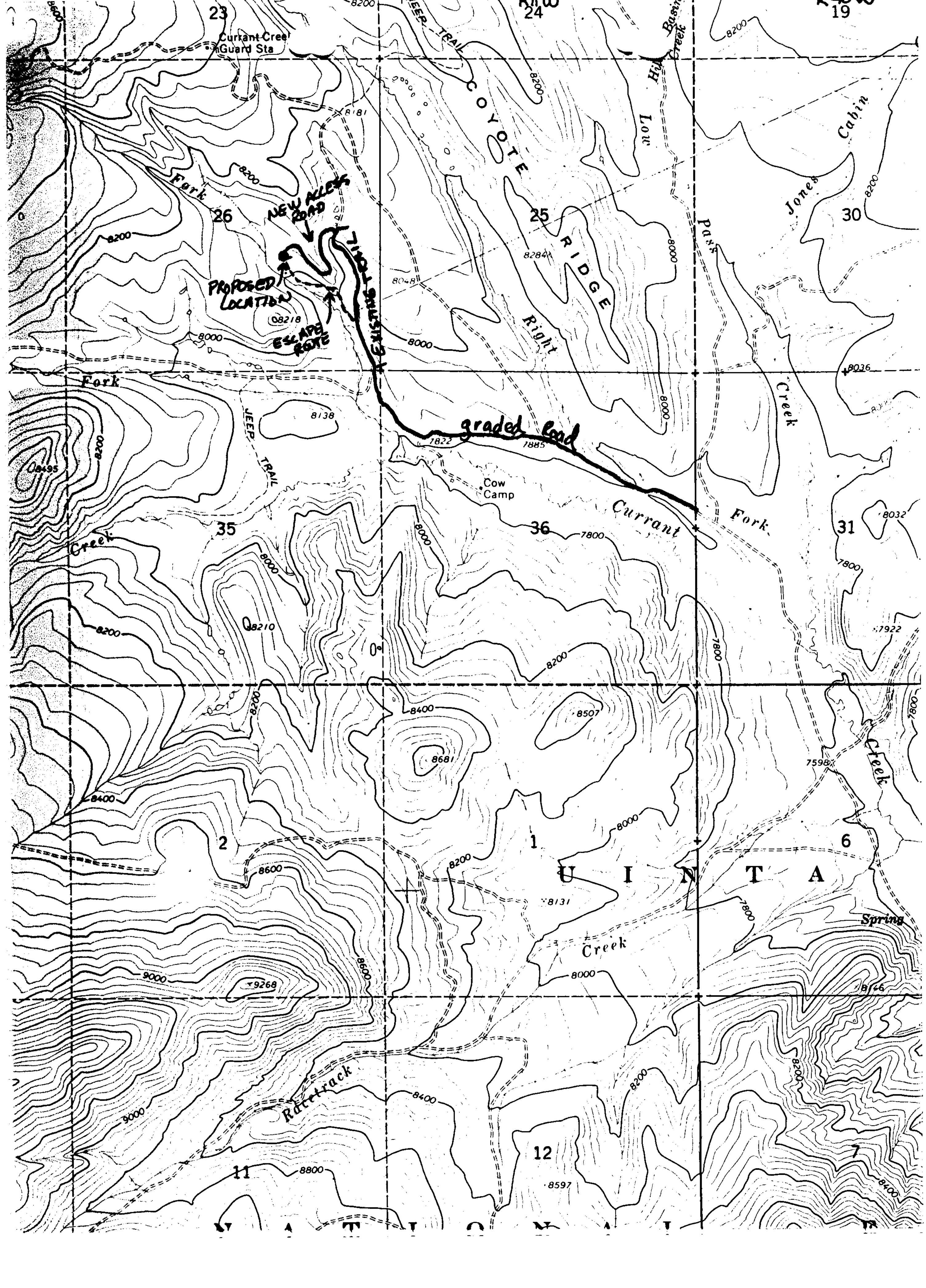
8/30/79
Date

District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

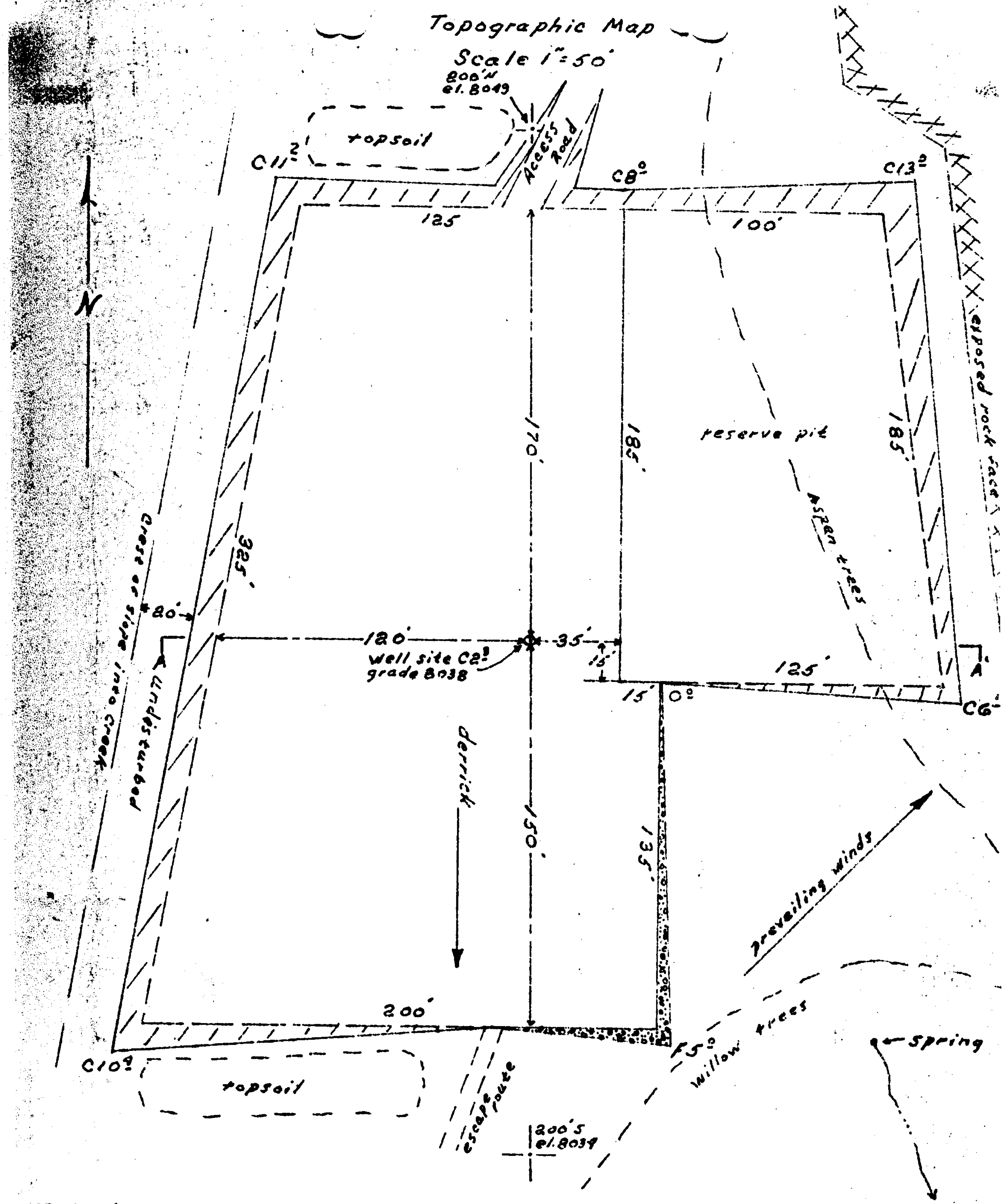
Minor potential - H2S Contingency plan required

*Upon completion of Currant Creek Dam, water would be diverted to Strawberry Reservoir, as part of the C.U.P. for utilization on the Wasatch Front communities.


NEW
LOCATION
N



Currant Creek Guard Sta
JEEP TRAIL
COYOTE RIDGE
Low
Hill
Basin
Creek
Jones
Cabin
Fork
NEW ACCESS ROAD
PROPOSED LOCATION
ESCAPE ROUTE
Right
Pass
Creek
Fork
graded Road
Cow Camp
Currant
Fork
Creek
UINTA
Spring
Creek
Racetrack



Jake L. Hamon

#1-26 Curiant Creek Prospect-Fed.

1980' F.S.L. & 1690' F.E.L.

Sec. 26 T1S R11W

by:

Person and Division making request Scott L. Bartlett Mineral Exploration Date 7-11-79

AREA: County and State Wasatch Utah

Township 1 (N) (S) Range 11 (E) (W) Section 26 USM SE¼ NW¼ SE¼ BL&M

Altitude of surface at site 8038 Formation at surface (if known) Alluvial material - Morrison below that

PURPOSE:

Protection of useful ground water (casing program); check X

Other (describe):

For WRD use

Date in: 7/11/79

Person assigned: Hurd

Date out: 7/11/79

Evaluation: Fairly large fault about 1 mile west. Formations dipping generally eastward. Total Morrison about 1500 ft. Aquifers within 3000 ft of surface include sandstones in the Curtis (stump), Entrada and Nugget (Navajo). Because of deep burial of low press., they probably contain saline water BUT because of faulting, etc, the Nugget may contain usable water. Surface casing should be set well into the Morrison and cemented to case off any water in the alluvium. 50-100 ft into Morrison should be adequate unless air drilling shows fresh water in Morrison.

Because of possible useful water in Nugget, company should monitor the return drilling fluid, especially if drilling with air, and the company should be prepared to set an intermediate string of csg if appreciable quantities of water come from the Nugget

continue over

Signed by evaluator J. Hurd Time used ½

Evaluator: Send copy to coordinator - original direct to originator of request

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
Jake L. Hamon

3. ADDRESS OF OPERATOR
611 Petroleum Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
~~1840~~ 1980' FSL & ~~1670~~ 1640' FEL (NW SE)
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
U-20555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Currant Creek Federal

9. WELL NO.
1-26

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 26, T-1-S, R-11-W

12. COUNTY OR PARISH
Wasatch

13. STATE
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles N.W. of Fruitland, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1670'

16. NO. OF ACRES IN LEASE
800

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
N.A.

19. PROPOSED DEPTH
10,300'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
8038' GR

22. APPROX. DATE WORK WILL START*
1 July 1979

RECEIVED
SEP 20 1979
GAS, [illegible]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED [signature] TITLE Drilling Foreman DATE 6-1-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (ORIG. [illegible]) GUYNN TITLE DISTRICT ENGINEER DATE SEP 19 1979

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

*See Instructions On Reverse Side

State B L m - Utah

NECESSARY [illegible]
COMPLETION [illegible]

ARCHEOLOGICAL - ENVIRONMENTAL
RESEARCH CORPORATION

P.O. Box 17544 – Salt Lake City, Utah 84117
Tel.: (801) 486-0261

May 30, 1979

Subject: Archeological Reconnaissance of a Proposed Oil-Natural Gas Well Location in the Currant Creek Locality of Wasatch Co., Utah

Project: Powers Elevation Company, Inc. (Currant Creek Federal Well #1-25)

Project No.: PEC-79-2

Permit: U.S.F.S. Special Use Permit (Issued to AERC on 1-3-79)

To: Mr. Michael Metcalf, Powers Elevation Company, Inc., P.O. Box 1199, Eagle, Colorado 81631

Forest Supervisor, Uinta National Forest, P.O. Box 1428, Provo, Utah 84601

Info: Dr. David Madsen, State Archeologist, Antiquities Section, 307 West 200 South, Suite 1001, Salt Lake City, Utah 84101

Mr. Jake L. Harmon, 611 Petroleum Building, Midland, Texas 79701

GENERAL:

An intensive cultural resource survey of a proposed well location on the left Fork of Currant Creek in Wasatch County was conducted by F. R. Hauck of AERC on May 22 and 23, 1979. The location is in the Uinta National Forest, in Township 3 South, Range 11 West, Section 26, NW¼-SE¼-SE¼. The technique of survey included parallel and linear transects of the flagged well location and the flats immediately south of the location (see Map). A 15 meter wide corridor along the existing access route into the location was examined. Several nonintensive sweeps were also made on the top of the bench that parallels the road, ca. 250 meters south of the flagged location.

USU 38:

A large (ca. 200 meter NE to SW) prehistoric site (Locality 225A/1) of undetermined date was found in association with the flagged well location. The site contains two separate units: A and B. Unit A consists of a sparse scatter of quartzite flakes and a quartzite scraper is situated on the surface between 15 meters and 30 meters due east of the well's center stake. Sparse fragments of oxidized sandstone suggest the unit may have contained a hearth and been the locus of a temporary campsite. Marginal potential for depth exists on the unit. A core fragment and several quartzite primary flakes were also observed to the west and northwest of the center flag, within the well location.

Unit B lies ca. 150 meters SSW of the proposed well location and adjacent to an exposed sandstone formation. This unit includes a sparse scatter of white and gray chert secondary flakes and a badly weathered mano fragment all lying around an extinct spring depression which is below and on the northeast side of the prominent sandstone outcrop. A few

quartzite flakes were also observed due south of the unit just east and below the sandstone formation. Some potential for cultural resource depth exists.

Site 225R/1 (42Wa12) thus consists primarily of sparse scatters of primary and secondary flakes with some indication of food preparation, tool manufacture and temporary camping activities. The site is of limited significance. No evidence of activity on the southern half of the river bench was observed.

The site was recorded on AERC site forms and site card, photographed, sketched, and plotted on a USGS 7.5 minute topographic quad. Copies of the site report will be forwarded to relevant state and federal offices. No artifacts were collected for laboratory analysis.

RECOMMENDATIONS:

AERC recommends that either the well location be repositioned to avoid the prehistoric site, or that a detailed surface collection be conducted of the site prior to permitting and construction. The well location could be placed ca. 75 meters (225 feet) to the due south of the present position. If development and vehicle movement north of the present well center as well as adjacent to the sandstone outcrop are restricted, then apparently no disturbance to the archeological site will occur. AERC could recommend that a cultural resource clearance be granted if the well were repositioned as suggested, with the contractor's adherence to the following stipulations:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations;

2. all personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area;

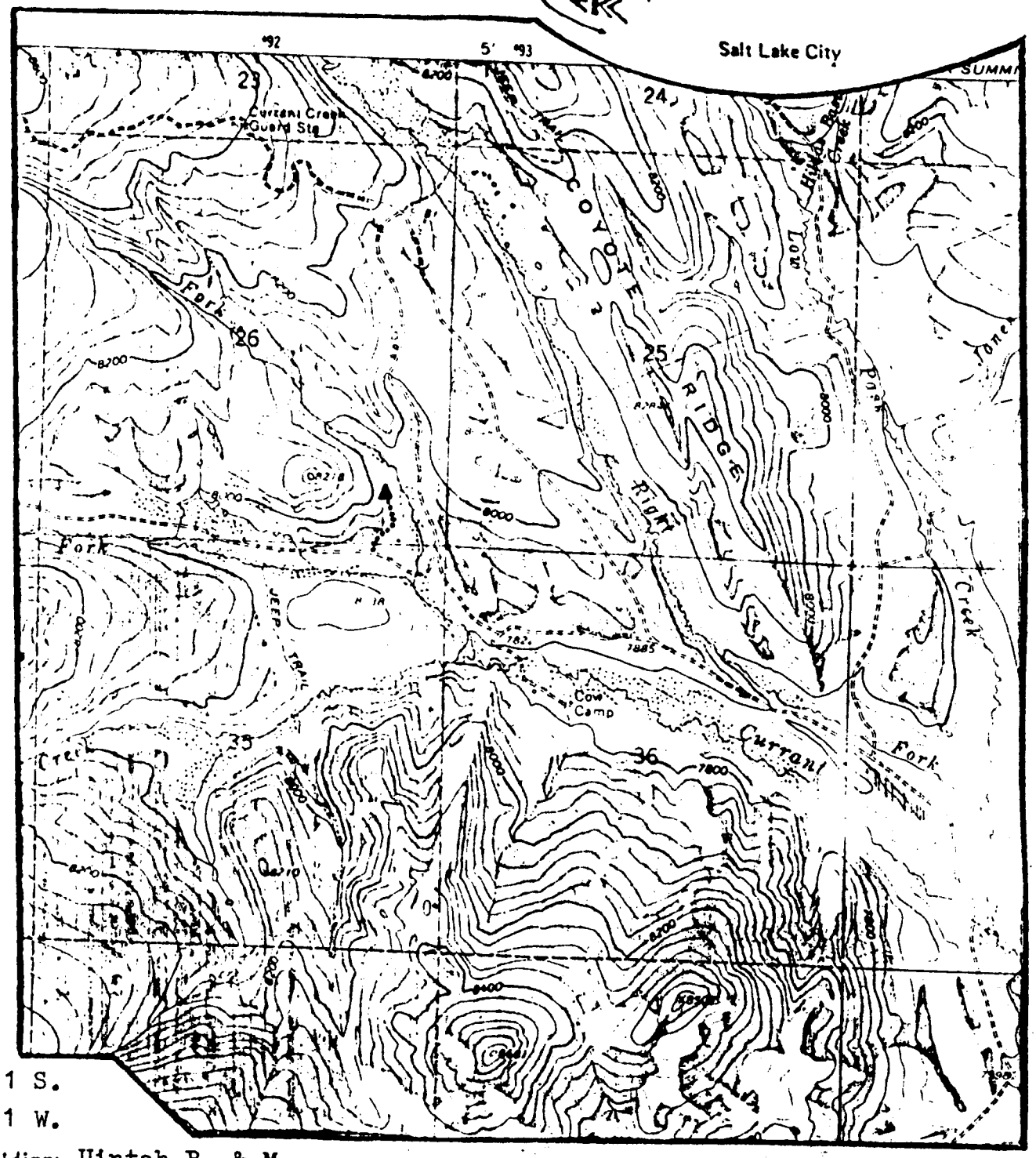
3. a qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.

If the well cannot be repositioned, then a detailed surface colle;tion and mapping of the site should be conducted, and a qualified archeologist should be present during the period of pad construction in order to insure that any subsurface cultural materials are immediately identified in-situ.

PROJECT COORDINATOR
LaMar G. Hollinger for
F. R. Hauck, Ph.D.
President

11

ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION



T. 1 S.
R. 11 W.
Meridian: Uintah B. & M.

Quad: Jimmies Point
7.5 Minute USGS

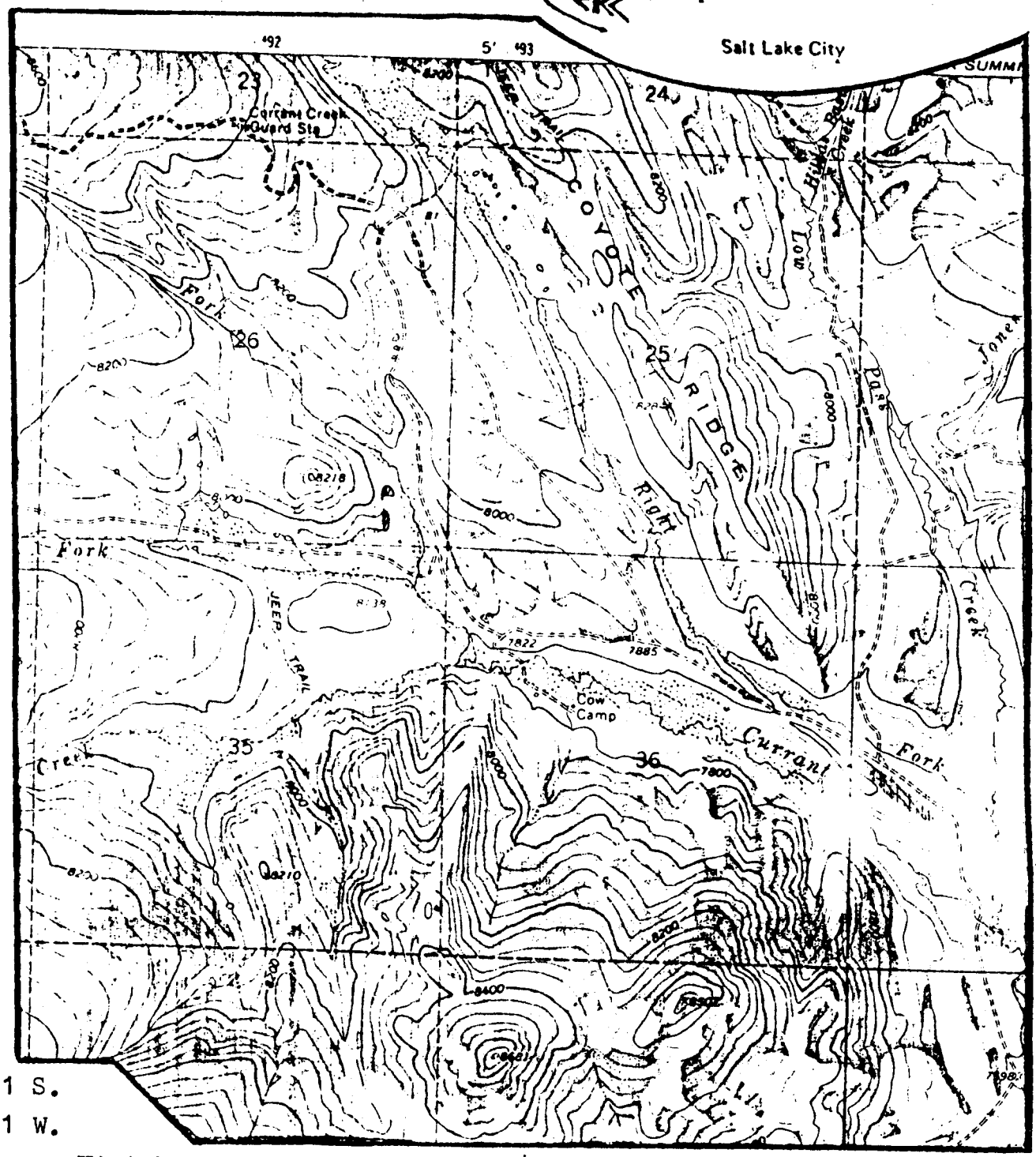
Project: PEC-79-2
Series: Central Utah
Date: 5-24-79

PROPOSED WELL SITE
Currant Creek Federal #1-25

Legend:
Well Location ▲
Access Road

0 .5 1
5 0 5 1 Km

AR[illegible]OLOGICAL-ENVIRONMENTAL
RESEARCH CORPORATION



T. 1 S.
R. 11 W.
Meridian: Uintah B. & M.

Quad: Jimmies Point
7.5 Minute USGS

Project: PEC-79-2
Series: Central Utah
Date: 5-24-79

ARCHEOLOGICAL SITE LOCATION

AERC 225R/1 (42)

Legend:

Archeological Site

0 .5 1

.5 0 .5 1 Km

Scale

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: August 6, 1979

Operator: Jake L. Hamon

Well No: Currant Creek Federal 1-26

Location: Sec. 26 T. 15 R. 11W County: Wasatch

File Prepared: [✓] Entered on N.I.D.: [✓]

Card Indexed: [✓] Completion Sheet: [✓]

[✓] API Number: 43-051-30007

CHECKED BY:

Administrative Assistant: sent unorthodox letter with stipulation for pressure control equipment. 8/25/79 Bonnie
Remarks:

Petroleum Engineer: M.J. Minder 8-28-79
~~BOP~~ & Loc.
Remarks:

Director: _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

#2

Bond Required: [ ] Survey Plat Required: [ ]

Order No. _____ Surface Casing Change [ ]
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site [ ]

O.K. Rule C-3 [ ] O.K. In _____ Unit

Other:

[✓] Letter Written/Approved

ltm

POWERS ELEVATION

OIL WELL ELEVATIONS AND LOCATIONS
CHERRY CREEK PLAZA, SUITE 1201
600 SOUTH CHERRY STREET
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

August 2, 1979

Utah Division of Oil, Gas & Mining
Cleon Feight, Director
1588 West North Temple
Salt Lake City, Utah 84116

RE: Filing Utah State A.P.D.
Jake L. Hamon
#1-26 Currant Creek Prospect - Federal
NW SE Sec. 26 T1S R11W
1980' FSL & 1640' FEL
Wasatch County, Utah

ATTN: Mike Minder

Gentlemen:

In response to our telephone conversation yesterday, we are submitting for your approval, three copies of the NTL-6 Program and USGS A.P.D. Form 9-331C for the above-referenced well location.

As agreed in our discussion, the Hydrogen Sulfide Safety Program for this well will be submitted next week.

Please return the approved copy to:

Mr. H.W. Shaw, Drilling Engineer
Jake L. Hamon
611 Petroleum Building
Midland, Texas 79701

Thank you for your cooperation and assistance in this matter.

Sincerely yours,

POWERS ELEVATION

Jacqueline E. LaSasso

Jacqueline E. LaSasso

JEL/klk
Enclosures

cc: H.W. Shaw, Jake L. Hamon, Midland, Texas
Bill Grace, Powers Elevation, Green River, Wyoming

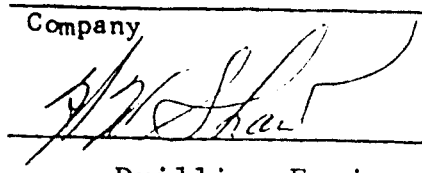
Powers Elevation Company, Inc.
Suite 1201 Cherry Creek Plaza
600 So. Cherry St.
Denver, Colorado 80222

Gentlemen:

This is to confirm our understanding with you concerning any kind of work you may be requested to perform from time to time as an agent or contractor for environmental and engineering services.

The jobs to be performed by you will be as requested by an authorized representative of the organization listed below.

JAKE L. HAMON
Company

by: 

Title Drilling Engineer

Date June 6, 1979

RE: Filing NTL-6 and A.P.D. Form 9-331C
Jake L. Hamon
#1-26 Currant Creek Prospect-Federal
NW SE Sec. 26 T1S R11W
Wasatch County, Utah

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42 R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-20555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: Jake L. Hamon

8. FARM OR LEASE NAME: Currant Creek Federal

3. ADDRESS OF OPERATOR: 611 Petroleum Building, Midland, Texas 79701

9. WELL NO.: #1-26

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FSL & 1640 FEL (NW SE)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 26 T1S R11W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 8040' GR

12. COUNTY OR PARISH: Wasatch

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	X	(Other)			
(Other) H_2S Safety Program			X	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As requested by the U.S.G.S. at the pre-drill inspection on July 23, 1979, the location of the above-referenced well has been moved to 1980' FSL & 1640' FEL. Attached please find the new location & elevation plat, the new access road map and the new pad layout and cut-fill cross-section.

Also attached: the Hydrogen Sulfide Safety Program (EXHIBIT "H_1"), The H_2S Safety Equipment Layout (EXHIBIT "H_2") and the Contingency Plan (EXHIBIT "H_3").

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 8-24-79
BY: M. J. Minder

18. I hereby certify that the foregoing is true and correct

SIGNED George Lapaseotes (George Lapaseotes) TITLE Agent Consultant for Jake L. Hamon DATE August 14, 1979

(This space for Federal or State office use)

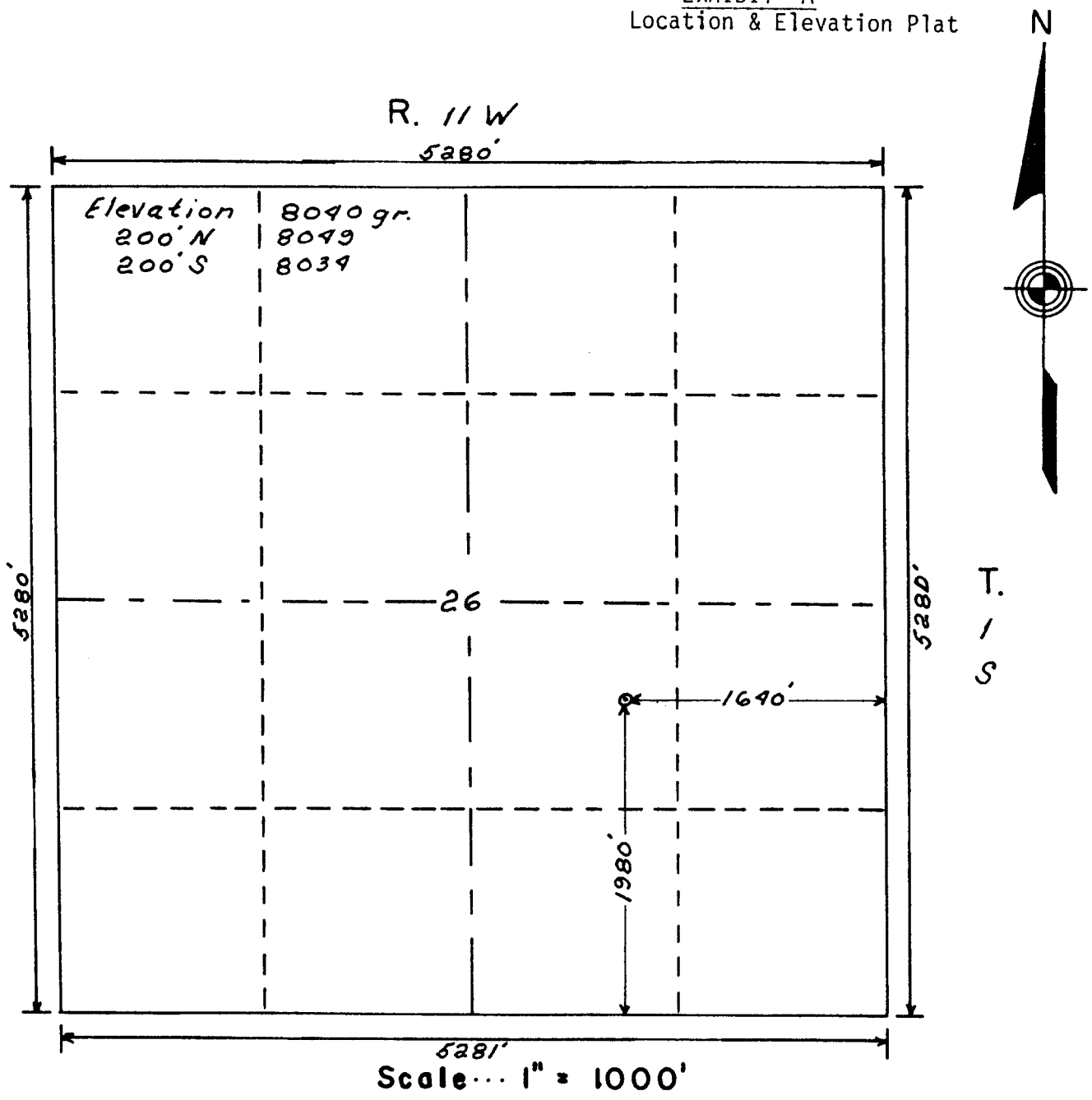
APPROVED BY ____ TITLE ____ DATE ____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FORM F-106

EXHIBIT "A"
Location & Elevation Plat



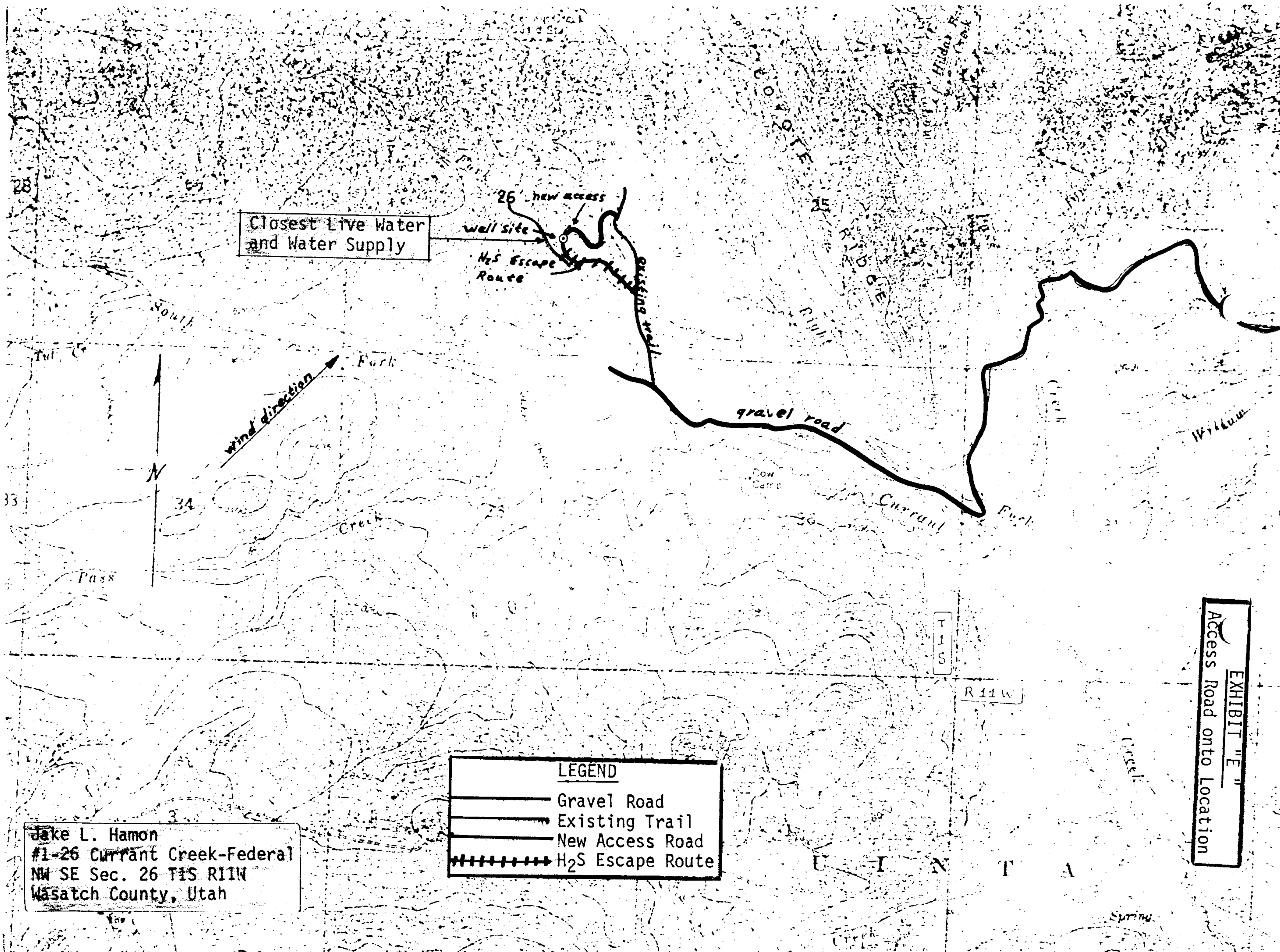
Scale··· 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado has in accordance with a request from Tim Massey for Jake L. Hamon determined the location of #1-26 Currant Creek Prospect-Federal to be 1980' F.S.L. & 1640' F.E.L. Section 26 Township 1S Range 11W Uintah Meridian Wasatch County, Utah

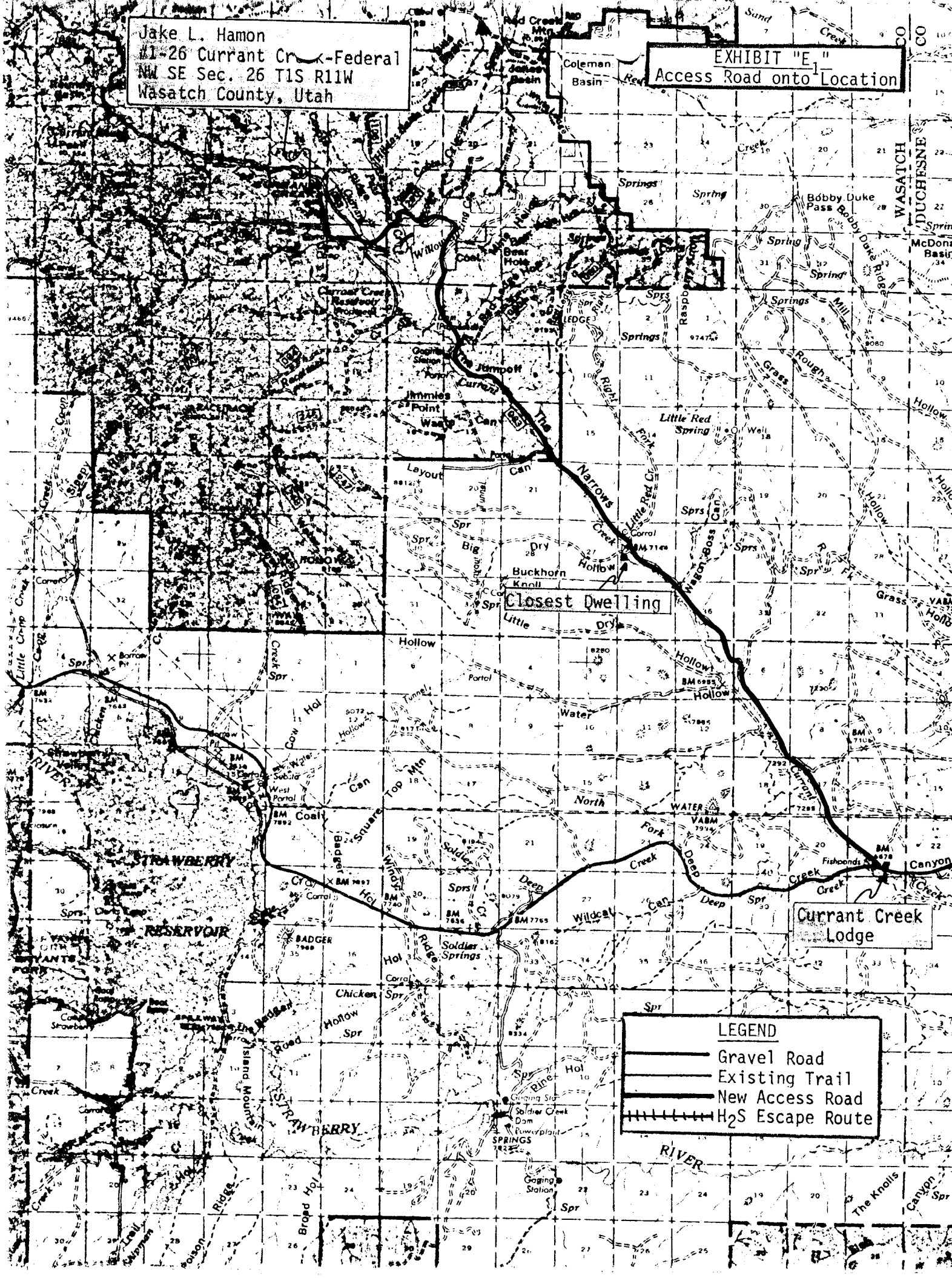
I hereby certify that this plat is an accurate representation of a correct survey showing the location of #1-26 Currant Creek Prospect-Federal

Date: 7-23-79

T Nelson
Licensed Land Surveyor No. 2711
State of Utah



Closest Live Water
and Water Supply
well site
26
new access
H2S Escape Route
existing trail
gravel road
wind direction
N
South
Fork
Creek
Pass
Currant
Fork
Cow Camp
Willow
T 1 S
R 11 W
U I N T A
LEGEND
Gravel Road
Existing Trail
New Access Road
H2S Escape Route
Jake L. Hamon
#1-26 Currant Creek-Federal
NW SE Sec. 26 T1S R11W
Wasatch County, Utah
EXHIBIT "E"
Access Road onto Location


Jake L. Hamon
#1-26 Currant Cr-Federal
NW SE Sec. 26 T1S R11W
Wasatch County, Utah
EXHIBIT "E"
Access Road onto Location
Closest Dwelling
Currant Creek Lodge
LEGEND
Gravel Road
Existing Trail
New Access Road
H2S Escape Route

Jake L. Hamon
#1-26 Currant Creek Prospect - Federal
NW SE Sec. 26 T1S R11W
1980' FSL & 1640' FEL
Wasatch County, Utah

EXHIBIT "H_1"

ON-SITE EQUIPMENT AND GENERAL PRACTICES
FOR DRILLING IN KNOWN AREA OR IN A KNOWN
FORMATION CONTAINING HYDROGEN SULFIDE

As stipulated by the Utah Department of Natural Resources - Division of Oil, Gas & Mining, H_2S safety equipment will be on site, and H_2S safety procedures will be implemented at a prudent depth prior to reaching the Thaynes (Dinwoody)/Phosphoria formations.

1. There will be a minimum of three cleared areas designated as crew briefing or safety areas. They will be located 250 feet from the BOP stack and will be placed so that at least one location is always upwind. See EXHIBIT "H_2" for layout.

2. The drilling rig will be spotted so as the general prevailing wind is blowing towards the pits, as shown on EXHIBIT "H_2".

3. The location and the reserve pit will be larger than normal to allow reasonable safe disances from the well for on-site trailers. The reserve pit will be larger than normal in order to accommodate safe flaring of gas, as shown on EXHIBIT "H_2".

4. There will be three wind sack poles, each having two streams. The lower most streamer will be located no more than eight feet above ground level or, when attached to the rig, nor more than eight feet above the rotary table. Streamers will be illuminated for night operations. See EXHIBIT "H_2".

5. The mud logging unit will be no closer than 125 feet from the BOP unit, and the electrical generator will be 150 feet from the BOP unit, as shown on EXHIBIT "H_2".

6. Well marked, highly visible warning signs will be located no less than .5 mile on all access roads to the rig.

7. Contingency Plan is attached (EXHIBIT "H_3").

8. There will be a minimum of five self-contained breathing apparatus on the rig floor, and two self-contained breathing apparatus for each occupied trailer on location, as indicated on EXHIBIT "H_2".

9. There will be two "bug fans" on location and both will be blowing towards the pits: one will be in the cellar area and the other will be on the

rotary floor, as illustrated on EXHIBIT "H_2".

10. Prior to drilling into a potentially hazardous formation, the following additional equipment will be on hand (illustrated on EXHIBIT "H_2", where applicable).

    A. Safety trailer containing no less than 10-380 cubic foot bottles of breathing air. The bottles will be connected to a manifold system that provides outlets on the rig floor for at least nine men, and at the mud pump and hopper area for four men.

    B. One resuscitator complete with medical oxygen.

    C. One hand H_2S detector located on the rig floor.

    D. One flare gun located in the rig supervisor's trailer.

    E. One additional stretcher and one additional first aid kit.

    F. One high pressure air compressor suitable for recharging air cylinders.

    G. One visible and one audible alarm system complete with monitors located at the shale shaker and at the bell nipple.

    H. A sufficient quantity of 50/50 aqueous ammonia and water to load the drill pipe when pulling a D.S.T.

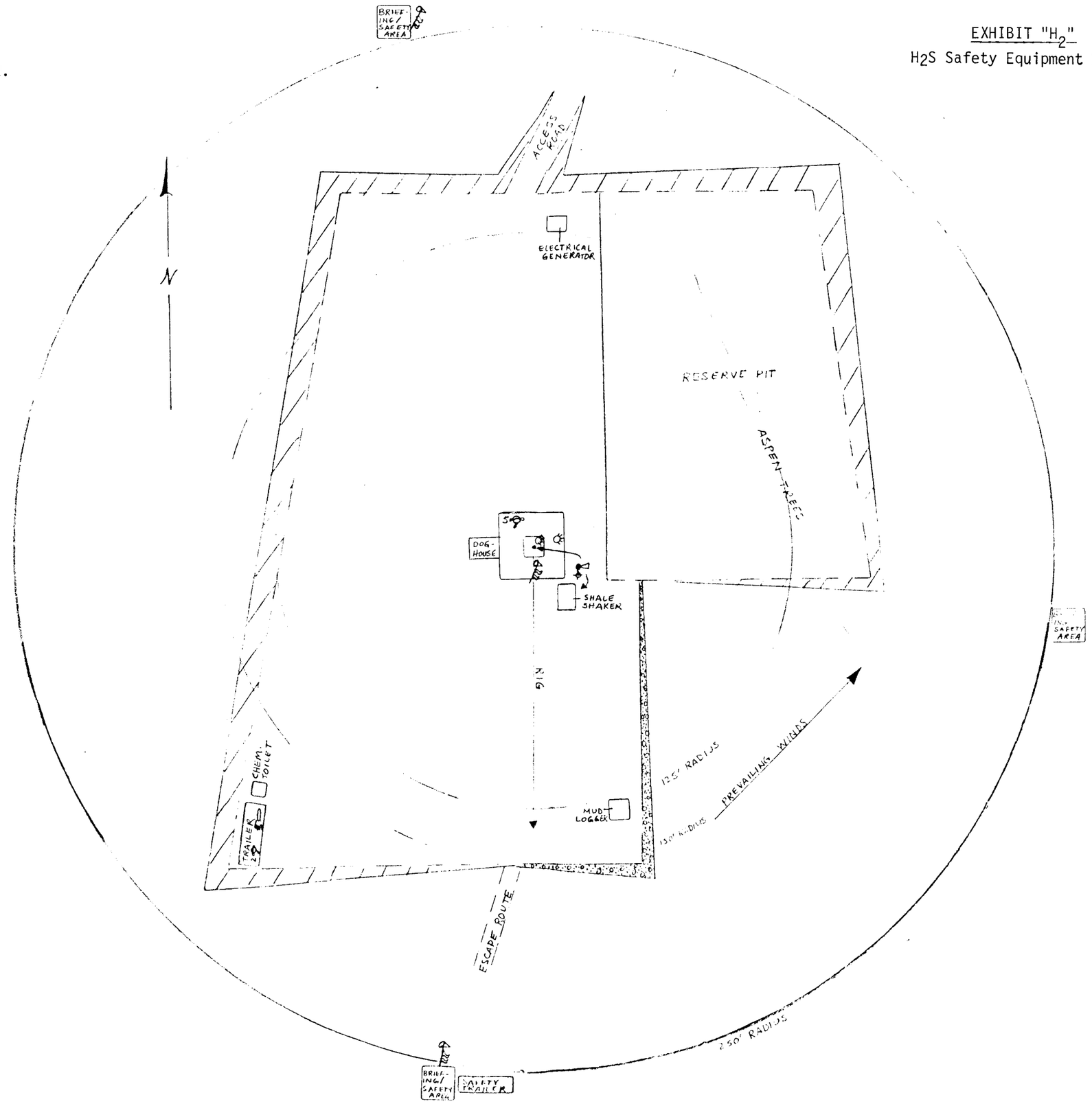
    I. Radio or telephone communication equipment.

11. Additional Information - In compliance with USGS requirements, an upwind escape route has been staked and centerline flagged, and it has been incorporated into the H_2S safety plan for the above-referenced well site. See EXHIBIT "H_2" and EXHIBITS "E" and "E_1".

Jake L. Hamon
#1-26 Currant Creek Prospect-Fed.
NW SE Sec. 26 T1S R11W
1980' FSL & 1640' FEL
Wasatch County, Utah

EXHIBIT "H_2"

H_2S Safety Equipment Layout



LEGEND

- BUG FAN
- SELF-CONTAINED BREATHING APPARATUS
- WINDSACK POLE W/2 ILLUMINATED STREAMERS
- AUDIBLE ALARM
- VISIBLE ALARM
- FLARE GUN

Jake L. Hamon
#1-26 Currant Creek Prospect - Federal
NW SE Sec. 26 T1S R11W
1980' FSL & 1640' FEL
Wasatch County, Utah

ON-SITE EQUIPMENT AND GENERAL PRACTICES FOR DRILLING IN KNOWN AREA OR IN A KNOWN FORMATION CONTAINING HYDROGEN SULFIDE

EXHIBIT "H_3"

7. Contingency Plan

Note: The closest occupied dwelling* is at a sheep ranch in Dry Hollow, Currant Creek, 8.0 miles Southeast of the location (NW SW Sec. 26 T2S R10W). In case of an H_2S emergency, the following telephone numbers will be called (this listing of emergency telephone numbers will be kept in the doghouse at all times during drilling operations):

A. EMERGENCY MEDICAL ATTENTION
LDS Hospital - Tel. (801) 350-1234
Thad More, Asst. Director of Life Flight
325 8th Avenue
Salt Lake City, Utah 84143

An appropriate topographic map will be sent to Life Flight at LDS Hospital, prior to spudding the above-referenced well, so that it would already be on file, should an emergency occur. In case of a medical emergency, the tool pusher or his substitute need only ring the emergency Life Flight number, identify himself and give the following information:

1) Jake L. Hamon (operator), well name, number and location (and indicate that topo map is on file at LDS Life Flight).

2) Apparent injury/injuries, condition of injured, whether blood, oxygen, etc. needed.

3) Call back telephone number so that helicopter pilot could get in touch with tool pusher if necessary.

4) Weather conditions (any wind problems, etc.).

5) Patient(s) name and age, and hospital destination if other than LDS Hospital, Salt Lake City.

B. U.S. FOREST SERVICE - Uinta National Forest (Heber City)
Roy H. Daniels, District Ranger - Tel. (801) 654-0470

C. STATE OF UTAH, DEPARTMENT OF NATURAL RESOURCES - DIVISION OF OIL, GAS & MINING
Cleon B. Feight, Director/Mike Minder - Tel. (801) 533-5771

D. U.S. GEOLOGICAL SURVEY
Ed Guynn, District Engineer/George Diwachak - Tel. (801) 524-5650

E. U.S. BUREAU OF RECLAMATION - Currant Creek Dam Project, etc.
Uinta Basin (Duchesne) Construction Office
Bill White, Construction Engineer - Tel. (801) 738-2441

F. INDUSTRIAL COMMISSION - UTAH OSHA
Ronald L. Joseph, Administrator/Don Anderson - Tel. (801) 533-6401

G. WASATCH COUNTY SHERIFF
Tel. (801) 654-1411

H. UTAH DEPARTMENT OF ENVIRONMENTAL HEALTH, BUREAU OF AIR QUALITY
Alvin E. Rickers, Director/Robert Dowley - Tel. (801) 533-6108

I. ENVIRONMENTAL PROTECTION AGENCY
Al Yorke, Chief of Emergency Planning & Response Branch - Tel. (303)837-3880
(24 hour - emergency number).

J. *CLOSEST OCCUPIED DWELLING
Emory C. & Verland Smith (Uinta Title Insurance) Ranch Tel. (801) 549-3168/3162
If no answer, Salt Lake City home tel. (801) 582-0364.

K. CURRANT CREEK LODGE - (19.1 MILES SOUTHEAST OF LOCATION)
Sandra Hoover - Tel. (801) 533-6108

POWERS ELEVATION

OIL WELL ELEVATIONS AND LOCATIONS
CHERRY CREEK PLAZA, SUITE 1201
600 SOUTH CHERRY STREET
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

August 15, 1979

Utah Division of Oil, Gas & Mining
Cleon Feight, Director
1588 West North Temple
Salt Lake City, Utah 84116

RE: Hydrogen Sulfide Safety Program
Jake L. Hamon
#1-26 Currant Creek Prospect - Federal
NW SE Sec. 26 T1S R11W
1980' FSL & 1640' FEL
Wasatch County, Utah

ATTN: Mike Minder

Gentlemen:

In response to our telephone conversations yesterday and on August 1, 1979, we are submitting for your approval, three copies of the "ON-SITE EQUIPMENT AND GENERAL PRACTICES FOR DRILLING IN KNOWN AREA OR IN A KNOWN FORMATION CONTAINING HYDROGEN SULFIDE", (submitted as EXHIBITS "H_1", "H_2", "E", and "E_1") for the above-referenced well location.

As agreed upon in our conversations, the H_2S safety procedures will be implemented at a prudent depth prior to reaching the Thaynes (Dinwoody)/ Phosphoria formations, where hydrogen sulfide might be found.

Please return the approved copy to:

Mr. H.W. Shaw, Drilling Engineer
Jake L. Hamon
611 Petroleum Building
Midland, Texas 79701

Once again, thank you for your cooperation and assistance.

Sincerely yours,

POWERS ELEVATION

Jacqueline E. LaSasso

Jacqueline E. LaSasso

JEL/klk
Enclosures

cc: H.W. Shaw, Jake L. Hamon, Midland, Texas
Bill Grace, Powers Elevation, Green River, Wyoming

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42 R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
AUG 17 1979
DIVISION OF OIL, GAS, & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Jake L. Hamon

3. ADDRESS OF OPERATOR: 611 Petroleum Building, Midland, Texas 7970[illegible]

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1980' FSL & 1640 FEL (NW SE)

5. LEASE DESIGNATION AND SERIAL NO.: U-20555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Currant Creek Federal

9. WELL NO.: #1-26

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 26 T1S R11W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 8040' GR

12. COUNTY OR PARISH: Wasatch

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	X	(Other)			
(Other) H_2S Safety Program			X				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

As requested by the U.S.G.S. at the pre-drill inspection on July 23, 1979, the location of the above-referenced well has been moved to 1980' FSL & 1640' FEL. Attached please find the new location & elevation plat, the new access road map and the new pad layout and cut-fill cross-section.

Also attached: the Hydrogen Sulfide Safety Program (EXHIBIT "H_1"), The H_2S Safety Equipment Layout (EXHIBIT "H_2") and the Contingency Plan (EXHIBIT "H_3").

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 8-24-79
BY: M. J. Minder

18. I hereby certify that the foregoing is true and correct

SIGNED George Lapaseotes (George Lapaseotes) TITLE Agent Consultant for Jake L. Hamon DATE August 14, 1979

(This space for Federal or State office use)

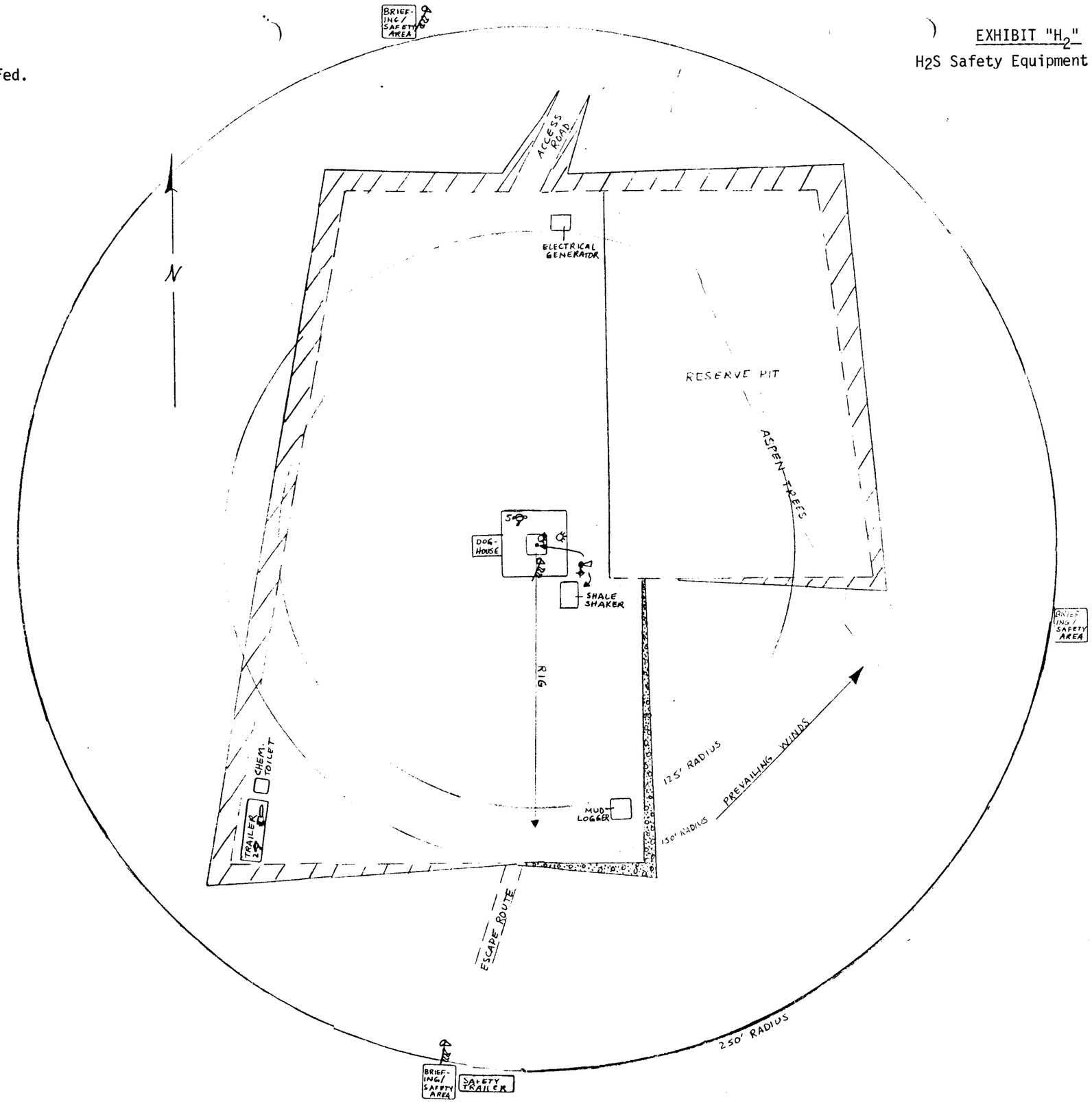
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Jake L. Hamon
#1-26 Currant Creek Prospect-Fed.
NW SE Sec. 26 T1S R11W
1980' FSL & 1640' FEL
Wasatch County, Utah

EXHIBIT "H_2"

H_2S Safety Equipment Layout



LEGEND

- BUG FAN
- SELF-CONTAINED BREATHING APPARATUS
- WINDSOCK POLE w/2 ILLUMINATED STREAMERS
- AUDIBLE ALARM
- VISIBLE ALARM
- FLARE GUN

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Uinta National Forest
Heber Ranger District
P.O. Box 190
Heber City, UT 84032

August 14, 1979

Mr. E. W. Guynn, District Engineer
USDI Geological Survey
8440 Federal Building
Salt Lake City, UT 84138

Attention: Mr. George Diwachak

Re: APD Well #126, Section 26, T1S, R11W, Wasatch County, Utah, Lease No. U-20555, EA #451-79, Jake L. Hamon

Dear Mr. Guynn:

After a joint site inspection and consulting with our technical specialists, we can furnish the following data:

We failed to delineate the area of surface use (ASU) and access route at the joint site inspection as required by our Cooperative Agreement of 3/4/77. We understand from George Diwachak that you desire the ASU to include the drill pad and the access road that is on the lease. We would much prefer the ASU to include only that area within 100 yards of the well location. But we will accept the inclusion of the access road inside the leasehold as part of the ASU if the operating plan states that the operator can work directly with the District Ranger in matters dealing with construction and maintenance of the access road on the leasehold.

The drill pad staked approximately 100 feet north of the 6/1/79, Application for Permit to Drill (APD) as agreed in the field is acceptable.

The approved route of access is Forest Road 083 up the Currant Creek drainage to intersection with Forest Road 082, then on Forest Road 082 to a point within NE¼ NE¼ of Section 35 where the new access road begins.

Because of first form reclamation withdrawal and a Cooperative Agreement with us, the Bureau of Reclamation is responsible for road maintenance of Forest Road 083 up to the Bureau's project area. Therefore the operator should contact:

Mr. William R. White, Construction Engineer
USDI, Bureau of Reclamation
P.O. Box 420
Duchesne, UT 84021

The operator may want to contact the following company about snow removal, since they remove the snow on Forest Road 083. They have an office at the Vat Tunnel site at the Currant Creek Reservoir:

J. F. Shea Company, Inc.
P.O. Box 343
Heber City, UT 84032

Above the Bureau's project area the operator will need a permit from us to cover road maintenance between the project and the leasehold.

We do not consider this well site to be a major Federal action significantly affecting the quality of the human environment. Therefore, we recommend that an ES is unnecessary.

We have not received a report from the operator's archeologist on the selected well site and new access road. Our archeological and historical evaluation will be supplied within seven days following receipt.

We have determined that there are no endangered fauna in the area. An evaluation of the endangered flora will be completed within ten days.

A water well is not desired in case the well encounters a usable fresh water zone and is later abandoned.

Here is a list of our requirements for the protection of surface resources:

1. A complete approved Multipoint Surface Use and Operating Plan from the operator before any work is allowed to start. We must review this to be sure the APD agrees with the joint site inspection.

2. The operator should be guided by the Surface Use Standards of the second edition of OIL AND GAS.

3. A pilot car will be necessary when large rigs are being moved on Forest roads.

4. Prior approval from the District Ranger for construction of any water pumping stations.

5. That water lines will be laid on-the-ground surface and along prior approved course.

6. We will monitor the water quality of the stream.

7. The wet willow area on the southeast edge of the flat should not be disturbed.

8. They need to stockpile enough soil to cover all disturbed areas with four inches of topsoil, unless bedrock is encountered, in which case they will need twelve inches.

9. Human waste to be disposed of by using chemical type latrines that are pumped out. Disposal of such waste to be off-Forest in approved sewage treatment systems.

10. Garbage and all other solid wastes are to be removed from the site and disposed of off-Forest.

11. The entire disturbed pad area should be graded so that any runoff will drain into the reserve pit.

12. The pad needs a beam above all cut slopes so that no overload flow of water crosses the pad.

13. The pits need to be bermed to prevent surface water flow into them.

14. The pit location needs to be chosen to avoid high seasonal or permanent water tables.

15. The reserve pit should be constructed by total excavation.

16. The reserve pit should be able to hold runoff from pad, about 30 inches of precipitation, and any drill mud or other effluent pumped into it from the operation.

17. A bentonite blanket composed of well graded materials containing at least 20% clay and few coarse fragments gravel size or smaller will be needed in all pits containing toxic materials. This blanket is constructed by spreading the material over the pit site in six to eight-inch layers, then compacting it with four to six passes of a sheepsfoot roller. Subsequent layers are constructed the same way. The minimum thickness of the blanket is twelve inches for pits up to ten feet deep. The blanket thickness should be incresed by two inches for every foot over ten feet. Clay sources for the blanket can be found near and perhaps on the site.

18. The reserve pit will be fenced sheep and deer tight. (i.e. 8' high wire net). It is suggested that the pit be covered with chicken wire. The trash burn pit must be covered with small wire mesh.

19. Any trees that need to be cut to traverse the Forest roads or to clear the new access road must be marked by a Forest Officer.

20. All vehicles must stay on the work pad and road prisms.

21. We must approve the following road construction drawings: profile, horizontal alignment, typical road section, and culvert construction.

22. We must approve the culvert designs.

23. To facilitate obliteration of the road in case the well does not produce, all cuts over 5 feet will be left vertical unless the well produces.

24. During snow removal, openings should be created every 300 feet so that water can get through the snowbanks.

The following are our Reclamation requirements:

1. Lining materials from pits which have been contaminated with toxic pollutants or oils will need to be removed and hauled away. Soils from toxic materials spill sites will also need to be removed.

2. At completion of operations, require removal of all excess drilling materials (bentonite, mud, sawdust, etc.).

3. Provide for reshaping of the drilling site to blend back into the natural grade.

4. An 0-45-0 fertilizer at a rate of 50 lbs. per acre must be applied for revegetation.

5. Planting and seeding of the site with an approved species mix after the topsoil and fertilizer have been placed. We will provide the approved species list.

6. The cut slopes on the access roads will need mulching and jute netting.

7. After all operations, require the site to be fenced to exclude livestock. Fence to be maintained for five to six years.

If an economic oil field is discovered, all additional drilling and/or development will be reviewed and approved in advance by the Forest Service.

Regis Terney of Heber City is available for consultation with the operator during construction. His telephone numbers are: Office - (801) 654-0470; Home - (801) 654-2752.

We have enclosed copies of several specialist reports on this proposal for your reference.

Sincerely,

ROY H. DANIELS
District Forest Ranger

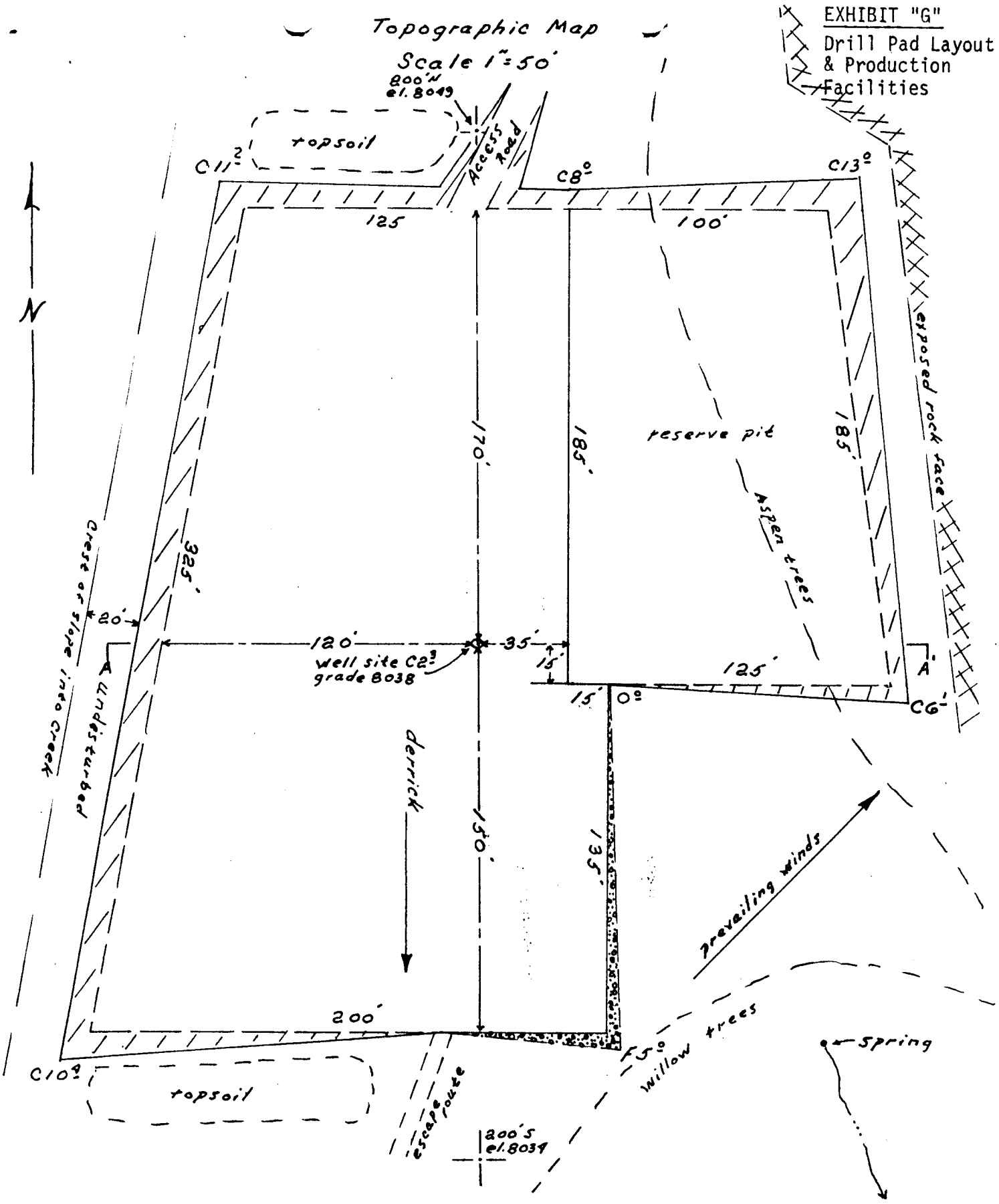
Enclosures

EXHIBIT "G"

Drill Pad Layout & Production Facilities

Topographic Map

Scale 1"=50'



Jake L. Hamon
#1-26 Currant Creek Prospect-Fed.
1980' F.S.L. & 1640' F.E.L.
Sec. 26 T1S R11W
Wasatch Co., Utah

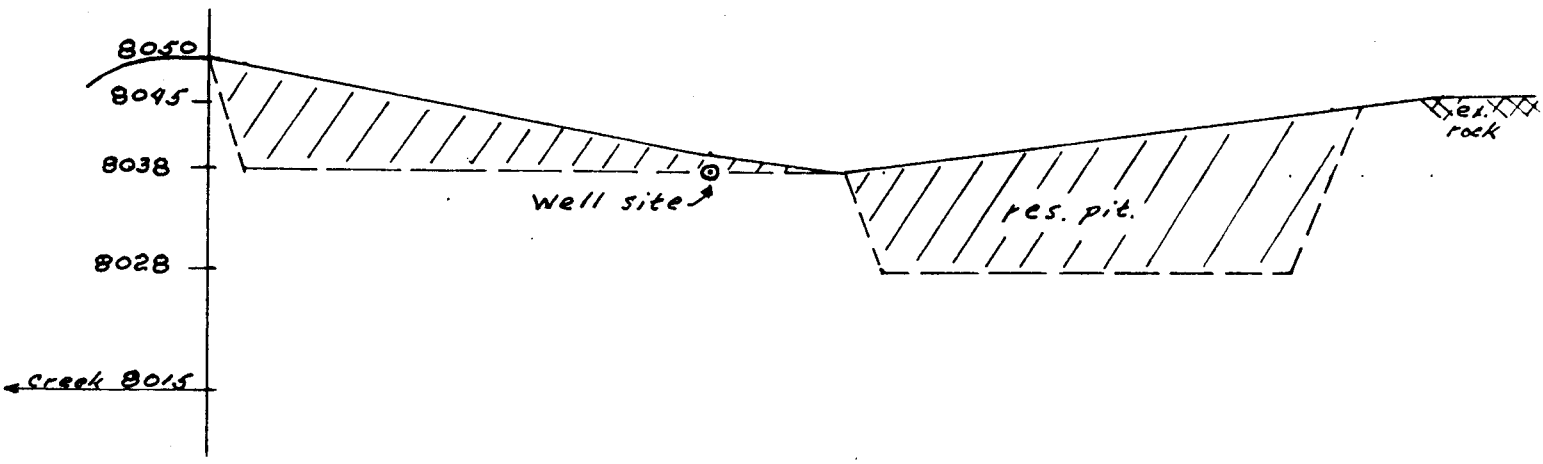
by: Bill Shaw 7-23-79
Powers Elevation

EXHIBIT "G_1"

Cross Section

Scale
horiz. 1"=50'
vert. 1"=20'

Legend
——— orig. surface
- - - - grade
IIIII cut
:::::: Fill



Jake L. Harmon
#1-26 Currant Creek Prospect-Fed.
1980' F.S.L. & 1640' F.E.L.
Sec. 26 T1S R11W
Wasatch Co., Utah

by: Bill Shaw 7-23-79
Powers Elevation

MEMO

From: Jacki LaSasso Date 15th August 1979

To: Mike Minder - Utah Division of Oil, Gas & Mining

RE: USGS Sundry Notice
Jake L. Hamon #1-26 Currant Creek Prospect-Federal

Yesterday when your copies of the Sundry Notice (incl. Hydrogen Sulfide Safety Program) were sent to you, the new pad layout and cut-fill cross-section (EXHIBITS "G" & "G$_1$") were inadvertently omitted. Please attach them to your reports.

Thank you

RECEIVED
AUG 20 1979
DIVISION
GAS, & M

POWERS ELEVATION
A DIVISION OF PETROLEUM INFORMATION CORP.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
Jake L. Hamon

3. ADDRESS OF OPERATOR
611 Petroleum Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1980' FSL & 1640' FEL (NW SE)

5. LEASE DESIGNATION AND SERIAL NO.
U-20555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Currant Creek Federal

9. WELL NO.
#1-26

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 26 T1S R11W

12. COUNTY OR PARISH
Wasatch

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8040'

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[X]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Because the anticipated total depth of the above-referenced well location is 10,300 feet, the Utah Division of Oil, Gas & Mining has requested that the pressure control equipment be revised.

The minimum working pressure of the B.O.P. will be 5,000# (hydril will have minimum test base of 2,500#)

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____

18. I hereby certify that the foregoing is true and correct

SIGNED George Lapaseotes TITLE Agent consultant for Jake L. Hamon DATE August 24, 1979

George Lapaseotes

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

August 25, 1979

Jake L. Hamon
611 Petroleum Building
Midland, Texas 79701

Re: Well No. Currant Creek Federal 1-26
Sec. 26, T. 1S, R. 11W.,
Wasatch County, Utah

Attention H.W. Shaw:

Pursuant to our telephone conversation of August 24, 1979, concerning your application to drill the above referenced well; it has been determined that this location places your well within an area designated as "General well Spacing," and you will be expected to meet the following requirements:

The State of Utah, General Rules and Regulations, and Rules of Practice and Procedure, amended March 22, 1978, Rule C-3 "General Well Spacing Requirements" reads as follows:

(a) The spacing of wells in pools for which drilling units have been established shall be governed by special rules for that particular pool.

(b) All wells drilled for oil and/or gas which are not within an area covered by a special area spacing rule or which are not within a pool for which drilling units have been established, shall be located not less than 500 feet from any property or lease line or from the boundary of any legal subdivision comprising a governmental quarter-quarter section or equivalent lot or lots of comparable size and location and not less than 100 feet from any oil well, or 4960 feet from any gas well, unless otherwise specifically permitted by order of the Commission after notice and hearing, unless an exception is granted by the commission pursuant to Rule C-3(c).

(c) The Commission may grant an exception to the requirements of (b) above as to the situs of a particular well location, without notice and hearing, where an application has been field in due form and;

(1) The necessity for an unorthodox location is based on topographical, and/or geological conditions, and;

(2) The ownership of all oil and gas leases within a radius of 660 feet of the proposed location is common with the ownership of the oil and gas leases under the proposed location, or all owners of oil and gas leases within such radius consent in writing to the proposed location.

(d) Whenever an exception is granted, the Commission may take such action as will offset any advantage which the person securing the exception may obtain over other producers by reason of the unorthodox location.

(e) The spacing requirements of this rule shall not apply in cases where, in the opinion of the Commission, engineering practices have proven otherwise.

Your location appears to be an unorthodox well location and if it cannot be relocated to comply with Rule C93(b), please submit an application for exception as outlined in Rule C-3(c).

You are also requested to furnish substantial information and data to support your application for an excepted location. This may be in the form of a statement as to why this well cannot be located under general spacing and must be placed at the proposed location; it may include charts, maps, letters or other data which will provide this Division with sufficient information on which to base a decision.

In addition to the information requested and in view of your proposed drilling depth of 10,300, pressure control equipment will be required to have a minimum working pressure of 5000#.

Sincerely,

DIVISION OF OIL, GAS AND MINING

MICHAEL T. MINDER
GEOLOGICAL ENGINEER

/btm

Encs.

cc: Jacqueline E. LaSasso

POWERS ELEVATION

OIL WELL ELEVATIONS AND LOCATIONS
CHERRY CREEK PLAZA, SUITE 1201
600 SOUTH CHERRY STREET
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

August 24, 1979

Utah Division of Oil, Gas & Mining
Cleon Feight, Director
1588 West North Temple
Salt Lake City, Utah 84116

RE: Sundry Notice & Request for Spacing Exception (Rule C-3 General Well Spacing Requirements)
Jake L. Hamon
#1-26 Currant Creek Prospect - Federal
NW SE Sec. 26 T1S R11W
1980' FSL & 1640' FEL
Wasatch County, Utah

Attn: Mike Minder

Gentlemen:

Pursuant to my telephone conversations this afternoon with Buck Shaw and Mike Minder, we are submitting in triplicate, an A.P.D. Sundry Form regarding changes in the pressure control equipment for the above-referenced well location.

We are also requesting at this time, an exception to Rule C-3 (General Well Spacing Requirements) of the General Rules and Regulations (State of Utah Department of Natural Resources - Division of Oil, Gas & Mining).

At the request of the U.S. Geological Survey and the U.S. Forest Service, the well location has been moved primarily because of topography and archaeological findings. To document these changes, we are enclosing the following: (1) the first archaeological report (May 30, 1979) from A.E.R.C., which indicates that the location be moved from 660' FNL & 660' FEL, Sec. 26 T1S R11W; (2) the U.S.G.S. Sundry Notice (August 14, 1979) on which it is indicated that the U.S.G.S. (in conjunction with the U.S.F.S.) because of additional archaeological findings, requested at the predrill inspection (July 23, 1979), that the location be moved to 1980' FSL & 1640' FEL; and (3) the U.S.F.S stipulations of August 14, 1979 (Roy H. Daniels, Heber District Forest Ranger).

Please note that Jake L. Hamon holds the lease within a 660' radius of the location.

Once again, thank you for your cooperation and assistance.

Sincerely yours,

POWERS ELEVATION

Jacqueline E. LaSasso

Jacqueline E. LaSasso

JEL/pb
Enclosures

cc: Buck Shaw, Jake L. Hamon, Midland Texas
Bill Grace, Powers Elevation, Green River, Wyoming

August 29, 1979

Jake L. Hamon
611 Petroleum Building
Midland, Texas 79701

Re: Well No. Currant Creek Federal 1-26
Sec. 26, T. 1S, R. 11W.,
Wasatch County, Utah

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following

MICHAEL T. MINDER - Geological Engineer
Home: 876-3001
Office: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-051-30007.

Sincerely,

MICHAEL T. MINDER
Geological Engineer

MTM:btm

Enc.

cc

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Jake L. Hamon

WELL NAME: Current Creek Federal #1-26

SECTION 26 TOWNSHIP 1S RANGE 11W COUNTY Wasatch

DRILLING CONTRACTOR Loffland Brothers

RIG # 1

SPUDDED: DATE 2/4/80

TIME 8 p.m.

HOW rotary

DRILLING WILL COMMENCE presently

REPORTED BY Larry Smith

TELEPHONE # 214-748-9274

DATE February 5, 1980 SIGNED M. Minder

cc: USGS

P

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Jake L. Hamon

3. ADDRESS OF OPERATOR: P. O. Box 663, Dallas, Texas 75221

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FSL and 1640' FEL of Section 26, T1S, R11W, (NW-SE)

5. LEASE DESIGNATION AND SERIAL NO.: U-20555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Currant Creek Federal

9. WELL NO.: 1-26

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 26, T1S, R11W Uinta Meridian

12. COUNTY OR PARISH: Wasatch

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 8040' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[X]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

1. Set 41' of 20" conductor casing (set at 61' KB) cemented w/175 sx Class H cement (12-4-79).

2. Spudded at 8:00 p.m. February 4, 1980.

3. Drilled 17½" hole to 1130'.

4. Set 13-3/8", 54.50#, J-55 surface casing at 1127' KB. Cemented w/500 sx HOWCO Lite + 300 sx Class H. Had full returns. Plug down at 11:45 am February 15, 1980. Topped out w/200 sx Class H w/1" pipe 120' (Feb. 16, 1980).

5. WOC 12 hrs. Nippled up BOP's. Tested pipe rams, blind rams and manifold to 3000# for 30 minutes. Held o.k. Tested Hydril to 1500# for 30 minutes, held o.k. (Feb. 18, 1980).

6. Pressure tested casing to 1400# and held for 30 mins. (Feb. 19, 1980).

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Chief Engineer DATE 2-21-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
FEB 25 1980
DIVISION OF
OIL, GAS & MINING

*See Instructions on Reverse Side

JAKE L. HAMON

Currant Creek Federal #1-26
Wasatch County, Utah

ADDRESS LIST
(December 21, 1979)

Maguire Oil Co.
4200 First Nat'l Bank Bldg.
Dallas, Texas 75202
214/741-5137

Rudman Resources, Inc.
711 Mercantile Dallas Bldg.
Dallas, Texas 75201
214/741-5448

Craig, Ltd.
1400 Midland Nat'l Bank Twr.
P. O. Box 1351
Midland, Texas 79702
915/682-8244

Max L. Thomas
2603 Mercantile Bank Bldg.
Dallas, Texas 75201
214/748-8227

M. Douglas Jaffe
5225 McCullough
San Antonio, Texas 78212
412/824-9696 or 824-9004

Mr. Bruce Burrow
Blyth, Eastman, Dillon & Co., Inc.
1200 Republic National Bank Tower
Dallas, Texas 75201
214/742-1511

Mr. John R. Black, Jr.
800 Mercantile Commerce Bldg.
Dallas, Texas 75201
214/741-1063

Mr. W. Ray Wallace
Trinity Industries
4001 Irving Blvd.
Dallas, Texas 75247
214/631-4420

Eastland Oil Co.
P. O. Drawer 3488
Midland, Texas 79702
915/682-6293

Sam Myers, Trustee
2200 Mercantile National Bank Bldg.
Dallas, Texas 75201
214/742-2225

Skyline Oil Co.
2000 University Club Bldg.
Salt Lake City, Utah 84111
801/521-3500

Terra Resources, Inc.
5975 S. Syracuse
Englewood, Colorado 80111
303/779-3615

The Grayrock Corp.
606 Mercantile Dallas Bldg.
Dallas, Texas 75201
214/748-0606

Sandefer & Andrews, Inc.
1775 St. James Place, Suite 130
Houston, Texas 77056
713/629-1442

Mr. Matt Roberts
Strebor Oil Company
2415 Adolphus Tower
Dallas, Texas 75202

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Jake L. Hamon

WELL NAME: Currant Creek Federal #1-26

SECTION 26 NW SE TOWNSHIP 1S RANGE 11W COUNTY Wasatch

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 9290'

CASING PROGRAM:

20" @ 61' circ to surf

13 3/8" @ 1127'

9 5/8" @ 7203'

FORMATION TOPS:

Twin Creek	1014'
Gypsum Springs	2810'
Morrison	3120'
Curtis	5660'
Twin Creek	7091'
Nugget	8232'

PLUGS SET AS FOLLOWS:

1) set retainer @ 7183
2) 200' plug ½ in & ½ out of 9 5/8"
3) pull 9 5/8"
4) 100' plug on top of 9 5/8" casing stub
5) retainer in 13 3/8" casing @ 1100' w/200' plug ½ in & ½ out of casing
6) cut off surface casing 5' below ground level
7) place 100' plug ½ in & ½ out of surface casing
8) weld steel plate on top of casing.

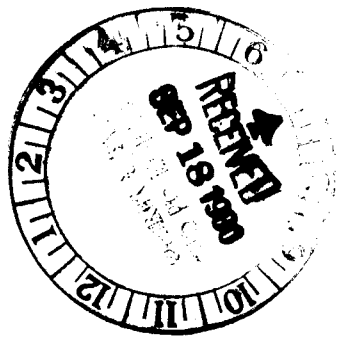
9# drilling mud between plugs; clean, grade and restore site. Erect regulation dryhole marker.

DATE August 24, 1980 SIGNED M. J. Munder

cc: USGS

JAKE L. HAMON
OIL AND GAS PRODUCER
DENVER CENTER BUILDING
1776 LINCOLN STREET • SUITE 1310
DENVER, COLORADO 80203
(303) 861-1706

LARRY D. SMITH
DISTRICT ENGINEER



September 16, 1980

Mr. E.W. Guynn, District Engineer
USDI Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Ref: Currant Creek Federal 1-26
Wasatch County, Utah

Dear Mr. Guynn:

Attached is a Sundry Report detailing plug and abandonment and location restoration operations to date.

Upon completion of surface restoration a report will be submitted requesting final inspection of location.

If additional information is required, please advise.

Sincerely,

JAKE L. HAMON

Larry D. Smith
District Engineer

LDS/ka

Enclosure

cc: Mr. James F. Massey
Mr. Dennis Carlton
Mr. Roy Daniels
Mr. Michael T. Minder
Mr. Ed Marcus

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-20555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: Jake L. Hamon

8. FARM OR LEASE NAME: Currant Creek Federal

3. ADDRESS OF OPERATOR: P.O. Box 663, Dallas, Texas 75221

9. WELL NO.: 1-26

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1980' FSL & 1640' FEL (NW-SE)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 26, T-1-S, R-11-W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 8040 GR

12. COUNTY OR PARISH: Wasatch

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)				(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

(1) 7-18-80 Received verbal permission from Mr. Ed Guynn, U.S.G.S. District Engineer to proceed with plugging operations.

(2) 7-19-80 Plug #1 Set HOWCO EZ-SV cement retainer @ 7076' in 9-5/8" casing - Circulated hole w/9.0 ppg mud - used Halliburton to pump 106 sxs Class H cmt (15.6 ppg) & spotted 106 sxs Class H cmt (15.6 ppg) on top of plug - Plug #1 from 6776 to 7376'.

(3) 7-20-80 Ran McCullough Pipe Recovery log in 9-5/8" casing from 6500' - Indicated pipe 75-85% stuck from 2500'-2900'.

(4) 7-21-80 Perforated w/4-1/8" gun from 3300-3302 - total of 9 holes - WIH w/HOWCO EZ-SV cmt retainer and set same @ 3282' inside 9-5/8" casing.

(Continued on next page)

18. I hereby certify that the foregoing is true and correct

SIGNED Larry W. Smith TITLE District Engineer DATE 9-16-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

(5) 7-21-80 Plug #2 - Used Halliburton to pump 62 sxs Class H cmt (15.6 ppg) to squeeze 9-5/8" csg X 12¼" open hole annulus through perforations @ 3300-3302, - Spotted 63 sxs Class H cmt (15.6 ppg) on top of retainer - Plug #2 from 3082' to 3302' inside 9-5/8" casing and outside in 9-5/8" X 12¼ " annulus.

(6) 7-21-80 Circulated hole full w/9.2 ppg mud from 3082'.

(7) 7-22-80 Cut 9-5/8" csg off @ 2235' w/jet cutter - Pulled and recovered 2217' of 9-5/8" casing - Total 9-5/8" casing run on 5-2-80 = 7203' pipe left in hole = 4986'.

(8) 7-23-80 Set HOWCO 13-3/8" EZ-SV cmt retainer @ 1036' - Circulated hole from 1036' w/9.2 ppg mud - Released Loffland Brothers Rig #1 @ 3:00pm - 7-23-80.

(9) 7-23-80 Waiting on Loffland Rig #1 to move off location.

(10) 8-20-80 Met w/Mr. Roy Daniels, U.S.F.S. Heber City and discussed location restoration requirements.

(11) 8-24-80 Moved in Prairie Gold Well Service Rig to complete plugging operations.

(12) 8-27-80 Stung into 13-3/8" cement retainer - Circulated hole w/ 9.2 ppg mud.

(13) 8-27-80 Plug #3 - Used Halliburton to pump 160 sxs Class H cmt (16.4 ppg) below retainer and spotted 160 sxs Class H cmt (16.4 ppg) on top of retainer - Plug #3 from 834' to 1234'.

(14) 8-27-80 Plug #4 - Used Halliburton to spot 25 sxs Class H cmt plug (16.4 ppg) Plug #4 from ground level to 30'.

(15) 9-5-80 Began location restoration.

(16) 9-8-80 Backfilled reserve pit - Cut off 13-3/8" casing 5' below ground level and welded ¼" plate on top - Installed 4" pipe on top of casing w/identification sign attached to same.

(17) 9-12-80 Mr. Roy Daniels w/U.S.F.S. Heber City made progress inspection of location restoration work.

(18) 9-16-80 Anticipate restoration of drilling pad including re-seeding and fencing to be completed by 10-1-80 - Tentatively plan to schedule meeting with U.S.F.S. & U.S.G.S. on this date to inspect drilling pad prior to restoring access road.

(19) No show of hydrocarbons were found during the drilling of this well.

November 20, 1980

Jake L. Hamon
P.O. Box 663
Dallas, Texas 75221

RE: Well No. Currant Creek Federal #1-26
Sec. 26, T. 1S, R. 11W.,
Wasatch County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Barbara Hill

BARBARA HILL
CLERK TYPIST

/bjh

cc: Forms

JAKE L. HAMON
OIL AND GAS PRODUCER
DENVER CENTER BUILDING
1776 LINCOLN STREET • SUITE 1310
DENVER, COLORADO 80203
(303) 861-1706

LARRY D. SMITH
DISTRICT ENGINEER

December 2, 1980

State of Utah
Dept. of Natural Resources
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Barbara Hill

Ref: Currant Creek Federal #1-26
Section 26, T 1 S, R 11 W
Wasatch County, Utah

Dear Barbara:

As per your request of 11/20/80, please find the following attached information:

(1) State of Utah Form OGCC-3
(2) U.S.G.S. Form 9-331 detailing plug & abandonment
(3) Well Logs
(4) Drill Stem Test Reports

If you should need additional information, please let me know.

Sincerely,

JAKE L. HAMON

Larry D. Smith

Larry D. Smith
District Engineer

LDS/ka

Enclosures

cc: James F. Massey

Form OGCC-3

10

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other none

2. NAME OF OPERATOR: Jake L. Hamon

3. ADDRESS OF OPERATOR: P.O. Box 663, Dallas, Texas 75221

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1980' FSL & 1640' FEL (NW-SE)
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: U-20555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Currant Creek Federal

9. WELL NO.: 1-26

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 26 T-1S, R-11W

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-051-30007	9-19-79	Wasatch	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2/4/80	7/8/80	NA	8040 GR	NA

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
9290'	-	-	→	0-9290	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Dry Hole

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL-SFL, CNL-FDC, BHC-SONIC, DIPMETER

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94	45'	26	175 sxs Class H	0
13-3/8"	54.5	1127'	17½	500 sx lite+300 sxs Cl H	0
9-5/8"	36 & 40	7204'	12¼	40 sx lite+300 sx CL H	2217'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
none				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
none		

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		P & A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: See attached USGS Form 9-331 detailing Plug & Abandonment

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Larry D. Smith TITLE District Engineer DATE 12/2/80

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			See attached DST reports

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Curtis	Surface	
Twin Creek	1014	
Gye Springs	2810	
Morrison	3120	
Curtis	5660	
Entrada	5865	
Twin Creek	7091	
Nugget	8232	

771169

Casing perfs. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. _____

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
2400					On location
0230					Picked up tools
0400					Ran in hole with tools
0820		In of water			On bottom-opened with weak blow
0825	1/8	1/8"			Blow increased
0830	"	1/2"			"
0835	"	3/4"			
0840	"	1"			
0845	"	1"			
0851	"				Closed tool
0951	"				Opened with blow too small to measure
0956	"				Weak blow-too small to measure
					throughout
1025	1/8"	1/8"			Blow in water.
1035	"	"			"
1045	"	"			"
1055	"	1/4"			"
1105	"	1/8"			"
1115	"	1/4"			"
1125	"	3/8"			"
1135	"	3/8"			"
1145	"	1/4"			"
1150	"	"			"
1150					Closed tool
1450					Pulled tools loose.

FLUID SAMPLE DATA

Sampler Pressure _____ P.S.I.G. at Surface
Recovery: Cu. Ft. Gas _____
cc. Oil _____
cc. Water _____
cc. Mud _____
Tot. Liquid cc. _____
Gravity _____ ° API @ _____ °F.
Gas/Oil Ratio _____ cu. ft./bbl.

	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	____ @ ____	°F.	____ ppm
Recovery Mud	____ @ ____	°F.	____ ppm
Recovery Mud Filtrate	____ @ ____	°F.	____ ppm
Mud Pit Sample	____ @ ____	°F.	____ ppm
Mud Pit Sample Filtrate	____ @ ____	°F.	____ ppm

Mud Weight 9.4 vis 45 sec.

Date 5-14-80 Ticket Number 771094
Kind of D.S.T. OPEN HOLE TEST Halliburton Location VERNAL
Tester RIPPLE Witness JAMES COOKSEY
Drilling Contractor LOFFLAND #1 TJH

EQUIPMENT & HOLE DATA

Formation Tested Twin Creek
Elevation 8038' Ft.
Net Productive Interval _____ Ft.
All Depths Measured From Kelly Bushing
Total Depth 7990' Ft.
Main Hole/Casing Size 8 3/4"
Drill Collar Length 415.51' I.D. 2 1/16"
Drill Pipe Length 635'WP-885'-5882' I.D. 2.764"WP-3.640" *
Packer Depth(s) 7847' - 7855' Ft.
Depth Tester Valve 7830' Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve Surface Choke Bottom Choke .25"

Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of

Meas. From Tester Valve

Remarks SEE PRODUCTION TEST DATA SHEET . . .

* - 3.826"

MISRUN . . .

TEMPERATURE	Gauge No. 490	Gauge No. 198	Gauge No.	TIME (00:00-24:00 hrs.)
	Depth: 7832 Ft.	Depth: 7987 Ft.	Depth: Ft.	
	24 Hour Clock	24 Hour Clock	Hour Clock	Tool Opened
Est. °F.	Blanked Off NO	Blanked Off YES	Blanked Off	
Actual °F.	Pressures	Pressures	Pressures	Opened Bypass

	Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic		3813.1		3908.5				
First Period Flow Initial							___	___
First Period Flow Final								
First Period Closed in								
Second Period Flow Initial							___	___
Second Period Flow Final								
Second Period Closed in								
Third Period Flow Initial							___	___
Third Period Flow Final								
Third Period Closed in								
Final Hydrostatic		3818.5		3911.1			___	___

Legal Location Sec. - Twp. - Rng. 26 - 1S - 11W
Lease Name CURRENT CREEK FEDERAL
Well No. 1-26
Test No. 1
Tested Interval 7855' - 7990'
Lease Owner/Company Name JAKE L. HAMON
Field Area WILDCAT
County WASATCH
State UTAH

FORM 181-82 — PRINTED IN U.S.A.

FORMATION TEST DATA

LITTLE'S 111033 75C 2/80

Casing perfs.____ Bottom choke____ Surf. temp____ °F Ticket No. 771094

Gas gravity____ Oil gravity____ GOR____

Spec. gravity____ Chlorides____ ppm Res.____ @____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
5-14-80					
1700					On location.
2245					Picked up tools.
0120					Ran in hole with tools.
0655					Hit tight spot 90' off bottom -
					worked 40' in.
0800					Pulled out of hole to condition hole.

FORM 182-RI—PRINTED IN U.S.A.

PRODUCTION TEST DATA

LITTLE'S 96672 5M 8/74

6.

TICKET NO. 771094

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	4 1/2"	3.826"	5882'	
Drill Collars				
Reversing Sub	6 1/2"	2 15/16"	1'	
~~Water Cushion Valve~~ WEIGHT PIPE	4 1/2"	2.764"	635'	
Drill Pipe	4 1/2"	3.640"	885'	
Drill Collars	7"	2 7/16"	415.51'	
Handling Sub & Choke Assembly	6 1/2"	2 9/16"	.80' X OVER	
~~XXXXXXXXXXXX~~ CHOKE SUB	4 3/4"	.25"	.95'	7825'
Dual CIP Sampler	5"	.75"	6.75'	
Hydro-Spring Tester	5"	.75"	5'	7830'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	7832'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	2.78'	
Pressure Equalizing Crossover				
Packer Assembly	7 3/4"	1.53"	5.81'	7847'
Distributor	5"	1.68"	2'	
Packer Assembly	7 3/4"	1.53"	5.81'	7855'
Flush Joint Anchor	5 3/4"	2.87"	31'	
Pressure Equalizing Tube				
	6 1/2"	2 9/16"	.81' X OVER	
Blanked-Off B.T. Running Case				
Drill Collars	7"	2 7/16"	91.38'	
Anchor Pipe Safety Joint				
	6 1/8"	2 3/4"	.78' X OVER	
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5 3/4"	2.87"	5	
Blanked-Off B.T. Running Case	5 3/4"	2.50"	4.16'	7987'
Total Depth				7990'

FORM 187-R2 – PRINTED IN U.S.A.

EQUIPMENT DATA

LITTLE'S 11036 75C 2/80

FLUID SAMPLE DATA

Sampler Pressure 45 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas
cc. Oil
cc. Water 2200
cc. Mud 40
Tot. Liquid cc. 2240
Gravity ° API @ °F.
Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	1.5	@ 67	°F.	4000 ppm
Recovery Mud	1.31	@ 72	°F.	5000 ppm
Recovery Mud Filtrate	1.1	@ 67	°F.	5000 ppm
Mud Pit Sample		@	°F.	ppm
Mud Pit Sample Filtrate		@	°F.	ppm

Mud Weight 9.4 vis 60 sec.

Date 5-22-80 Ticket Number 771169
Kind of D.S.T. OPEN HOLE Halliburton Location VERNAL
Tester R.RIPPLE T. CANNON Witness LARRY SMITH
Drilling Contractor LOFFLAND BROTHERS DRILLING COMPANY #

EQUIPMENT & HOLE DATA

Formation Tested Nugget sm
Elevation 8053' Ft.
Net Productive Interval 53' Ft.
All Depths Measured From Kelly bushing
Total Depth 8298' Ft.
Main Hole/Casing Size 8 3/4"
Drill Collar Length 507-635WP I.D. 2.25 & 2.764"WP
Drill Pipe Length 835-6232' I.D. 3.640 & 6232'
Packer Depth(s) 8237-8245' Ft.
Depth Tester Valve 8220' Ft.

Cushion TYPE ammonia AMOUNT 90 Ft. Depth Back Pres. Valve — Surface Choke 1/8" Bottom Choke .75"

Recovered 90 Feet of ammonia
Recovered 454 Feet of water cut mud
Recovered Feet of
Recovered Feet of
Recovered Feet of

Remarks SEE PRODUCTION TEST DATA SHEET

Unable to scribe 5000# line on both BT charts

TEMPERATURE	Gauge No. 490 Depth: 8222 Ft.	Gauge No. 198 Depth: 8295 Ft.	Gauge No. Depth: Ft.	TIME (00:00-24:00 hrs.)
	24 Hour Clock	24 Hour Clock	Hour Clock	Tool Opened 0820
Est. °F.	Blanked Off no	Blanked Off yes	Blanked Off	
Actual 143 °F.	Pressures	Pressures	Pressures	Opened Bypass 1450

	Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic	4131.8	4050.9	4150.8	4089.9				
First Period Flow Initial	79.8	63.8	92.9	106.1			—	—
First Period Flow Final	106.4	103.7	132.7	140.5			31	25
First Period Closed in	3178.3	3175.6	3197.1	3210.3			60	61
Second Period Flow Initial	106.4	121.0	132.7	156.5			—	—
Second Period Flow Final	252.7	250.0	278.6	285.1			119	120
Second Period Closed in	3205.1	3199.7	3223.6	3232.8			180	184
Third Period Flow Initial							—	—
Third Period Flow Final								
Third Period Closed in								
Final Hydrostatic	4051.1	4038.8	4097.9	4076.7			—	—

Legal Location Sec. - Twp. - Rng. 26 1S 11W
Lease Name CURRENT CREEK FEDERAL Well No. 1-26 Test No. 2
Tested Interval 8245 - 82 '
Lease Owner/Company Name JAKE L. HAMON
Field Area WILDCAT
County WASATCH State UTAH
Meas. From Tester Valve

FORM 101-82 — PRINTED IN U.S.A.

FORMATION TEST DATA

LITTLE'S 111033 75C 2/80

29

December 19, 1980

Jake L. Hamon
P.O. Box 663
Dallas, Texas 75221

RE: Well No. Currant Creek Federal
#1-26
Sec. 26, T. 1S, R. 11W.,
Wasatch County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office December 2, 1980, from above referred to well indicates the following electric logs were run: DIL-SFL, CNL-FDC, BHC-SONIC, DIPMETER. As of todays date this office has not received the Dipmeter Log.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

BARBARA HILL
WELL RECORDS

/bjh

Enclosures: Forms

JAKE L. HAMON
OIL AND GAS PRODUCER
DENVER CENTER BUILDING
1776 LINCOLN STREET • SUITE 1310
DENVER, COLORADO 80203
(303) 861-1706

LARRY D. SMITH
DISTRICT ENGINEER

January 26, 1982

Ms. Cari Furse
Division of Oil, Gas and Minerals
State of Utah
4241 State Office Building
Salt Lake City, Utah 84114

Re: Jake L. Hamon
Currant Creek Federal #1-26
Wasatch County, Utah

Dear Ms. Furse:

As requested enclosed is a copy of the Drill Stem Test No. 1 pertaining to the captioned test.

This should complete your file but if you have any further questions please do not hesitate to contact me.

Sincerely,

Larry D. Smith

Larry D. Smith

LDS:mmf

Encl.